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ABSTRACT

This three-chapter manual provides a national picture of certification and accreditation requirements. Chapter 1 provides a summary of standards and practices in teacher education, certification, and accreditation. Also included are data collected from a survey questionnaire on standards and requirements in effect in 1973. A summary of responses from the participating state directors of teacher education and certification include the following topics: (a) personnel required by state law or regulation to hold a certificate; (b) minimum requirements for elementary and secondary school teachers; (c) advanced preparation required; (d) academic, special subject, and general requirements; (e) approved-program approach; (f) reciprocity; (g) governance; (h) accountability; (i) requirements for administrators; and (j) auxiliary school personnel. Chapter 2 contains a state-by-state listing of certification requirements for teachers, supervisors, administrators, and special school service personnel. Chapter 3 includes the following tabular data: (a) classification of approved teacher education institutions according to function and control; (b) standards used by states for approval of teacher education; (c) number of approved teacher education institutions and types of approval/accreditations; (d) classification of approved teacher education institutions according to highest education degree offered; and (e) a state-by-state listing of approved teacher education institutions, types of accreditation, and types of programs and degree levels for which approved. (PD)

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A Manual on Standards Affecting School Personnel in the United States

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(Formerly *A Manual on Certification Requirements for School Personnel in the United States*)

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Previous editions of this manual were published in 1951, 1953, 1955, 1957, 1959, 1961, 1964, 1967, and 1970 as *A Manual on Certification Requirements for School Personnel in the United States.*

PREFACE

This edition of the manual, aside from the new title, is different from previous versions in several ways. It includes more material and a broader range of information in the various tabular summaries. For example, there are more data on governance and accountability. The manual is also different in not having the analysis and interpretation formerly included.

The original intent was to greatly broaden the scope of data presented because so many factors of standards in regard to teacher preparation, certification, and practice have relationships with developments and practices in curriculum and instruction, in legislation and state board decrees—but that proved not to be possible in this edition. We hope it may be accomplished in the next.

The manual is nevertheless a massive collection of factual material. Most of what is included has been reduced to numerical representation. In most cases that is helpful, in others it is less than the complete picture. For example, reducing requirements in teaching fields to course credits tells only part of the story: what such course credits comprise, how much flexibility exists in interpreting them, and how an approved-program approach meshes with credit requirements are not revealed.

The contents do provide a national picture of state requirements—a collection of information on certification and accreditation not available in any other source.

We are beholden to state directors of teacher education and certification for their cooperation in providing data. Again, Tim Stinnett of Texas A&M and Gerry Pershing of the NEA staff have performed a scholarly and patient service in pulling all this information together, and we deeply appreciate their contributions. Roy A. Edelfelt served as the staff contact and general adviser for development of the document.

Standards reported here have continued to improve. Readers will be heartened by the "good news" that now the bachelor's degree is clearly the minimum standard for teaching in elementary and secondary schools.

John D. Sullivan, Director
NEA Instruction and Professional
Development

Washington, D.C.
June 1974

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SUMMARY OF STANDARDS AND PRACTICES IN TEACHER EDUCATION, ACCREDITATION, AND CERTIFICATION

As early as 1946 the National Education Association (NEA), through its National Commission on Teacher Education and Professional Standards, launched a nationwide campaign to raise standards for admission to teaching. The NEA took the view that standards for elementary school teachers should be as high as those for high school teachers. Only 20 "states" purportedly were requiring the minimum of a college degree for an elementary teaching certificate in 1946: Arizona, California, Connecticut, Delaware, Illinois, Indiana, Louisiana, Maryland, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Utah, Virginia, and Washington; also Hawaii, not a state at that time, and the District of Columbia. It was on this low status that local, state, and national education associations began to work, that is, teachers in concert with other segments of the profession began to fight for higher standards. The progress made since that time is clear from the figures in table 1, which is a brief numerical history of public schools and teachers in the twentieth century.

Table 2 indicates the progress state-by-state in raising standards for elementary teachers over the past 23 years since this manual was first published. All 50 states and the District of Columbia are reported in this edition as requiring the minimum of the bachelor's degree for the initial regular certification of elementary teachers. For high school teaching, of course, all states have required at least the bachelor's degree since 1963. Fourteen states also require considerable advanced work, usually a fifth year, for continued teaching after the initial period of certification.

One of the results of the post-World War II period of low standards was the issuance of emergency certificates. In 1946, one in seven of all teachers (about 113,000) were teaching on sub-

TABLE 1.—INCREASES IN PUBLIC SCHOOL ENROLLMENTS AND CLASSROOM TEACHERS AND PROGRESS IN TEACHER PREPARATION, 1900 TO 1974

Year	Public School Enrollments		Public School Classroom Teachers	Teacher Education Institutions		States[a] Enforcing a Minimum Requirement of the Bachelor's Degree for Teacher Certification	
	High School	Total		Normal Schools and Teachers Colleges	Total	Elementary	Secondary
	(Rounded to Nearest Thousand)						
1	2	3	4	5	6	7	8
1900	519,000	15,503,000	423,000	—	—	—	2
1910	915,000	17,813,000	523,000	269	379	—	3
1920	2,200,000	21,578,000	679,000	—	—	—	10
1930	4,399,000	25,678,000	854,000	336	839	2	23
1940	6,601,000	25,433,000	875,000	—	—	11	40
1950	5,724,000	25,111,000	913,000	143	1,005	21	42
1960	11,499,000	36,088,000	1,355,000	55[b]	1,150[b]	39	51
1970	17,588,000	45,484,000	1,998,000	16	1,246	47	52
1974	19,174,000	45,486,000	2,123,000	10	1,265	51[c]	52

[a] "States" includes the 50 states, the District of Columbia, and Puerto Rico.

[b] 1961 figure.

[c] Fifty states and D.C.; Puerto Rico did not report.

SOURCES: Reports of the U.S. Department of Commerce—Bureau of the Census, National Education Association research reports, and the several previous editions of this manual.

TABLE 2.—TWENTY-THREE YEARS OF PROGRESS: MINIMUM REQUIREMENTS IN THE STATES (BACHELOR'S DEGREE (B) OR SEMESTER HOURS) FOR BEGINNING ELEMENTARY SCHOOL TEACHERS, 1951 AND 1974

State	Minimum Requirement		State	Minimum Requirement	
	1951	1974		1951	1974
1	2	3	4	5	6
Alabama	96	B	Montana	60[e]	B
Alaska	90	B	Nebraska	0[f]	B
Arizona	B	B	Nevada	31	B
Arkansas	30	B	New Hampshire	B	B
California	B	B	New Jersey	B	B
Colorado	60	B	New Mexico	60	B
Connecticut	B	B	New York	B	B
Delaware	B	B	North Carolina	B	B
Dist. o Col.	B	B	North Dakota	32	B
Florida	60	B	Ohio	93[g]	B
Georgia	50	B	Oklahoma	78[h]	B
Hawaii	B	B	Oregon	90	B
Idaho	64[a]	B	Pennsylvania	B	B
Illinois	B[b]	B	Rhode Island	B	B
Indiana	B	B	South Carolina	60	B
Iowa	45	B	South Dakota	30	B
Kansas	45	B	Tennessee	60	B
Kentucky	64	B	Texas	30	B
Louisiana	B	B	Utah	B	B
Maine	64	B	Vermont	60[i]	B
Maryland	B	B	Virginia	B	B
Massachusetts	—[c]	B	Washington	B	B
Michigan	30	B	West Virginia	64	B
Minnesota	60	B	Wisconsin	60	B
Mississippi	30	B	Wyoming	64	B
Missouri	60[d]	B			

[a] Degree requirement was scheduled for 1955.
[b] A few certificates were issued on 60 semester hours and examination.
[c] No state certification.
[d] County certificates were issued on 16 semester hours.
[e] Two-year normal school diploma.
[f] Graduation from high school normal training course.
[g] Ohio reported 93 semester hours ("graduation from 3-year elementary education curriculum") for the 1951 manual and the bachelor's degree ("degree in elementary education curriculum") for 1953. However, in the 1961 manual Ohio reported that it had enforced the degree requirement as early as 1942.
[h] The requirement was scheduled to be raised to 90 hours in 1953.
[i] Degree requirement was scheduled for 1952.

standard credentials. In other words, thousands of teachers had little or no college preparation. The fight of the profession to correct this situation resulted in a steady decline of substandard teachers, and by 1973 the ratio had dropped to about one in seventy (based on a sample survey). The NEA has estimated that of elementary teachers employed in 1973, 2.2 percent lacked college degrees; at the secondary school level, the estimate was 0.7 percent (1.4 percent for elementary and secondary combined).[1]

There is at present a general surplus of teachers compared with demand, i.e., there are more teachers than there are teaching jobs available. No state reported to NEA in 1973 a general shortage of applicants, although there are shortages in some subject areas. But according to the NEA, if its quality criterion[2] for staffing the schools were adopted, there would be a general shortage rather than a surplus: 478,050 elementary and 409,250 secondary teachers, or a total of 887,300 new teachers required as of fall 1973[3]—this contrasted to an estimated 1973 new supply of teacher education graduates of 322,847.[4] In other words, the present heralded claim of a surplus of teachers would be wiped out if the quality criterion were applied.

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[1] National Education Association. *Teacher Supply and Demand in Public Schools, 1973*. Washington, D.C.: the Association, 1974. p. 38. The estimates for substandard teachers are based on the assumption that the minimum educational requirement for qualified teachers is completion of the bachelor's degree and that teachers having less than the bachelor's need to be upgraded or replaced. Of course, today most of those who are considered to be substandard teachers would have been considered fully qualified a few years ago. Completion of a master's degree is increasingly being used as the minimum to be expected of persons considered to be fully qualified teachers.

The NEA analysis shows a shortage of teachers under its formula as follows:[5]

	Number of New Teachers		
	Elementary	*Secondary*	*Total*
Estimated Demand (Quality Criterion)	478,050	409,250	887,300
Estimated Supply[6]	161,000	156,200	317,200
Shortage	317,050	253,050	570,100

This edition of the manual brings together data which chronicle yet another chapter in the standards movement. Questions were put to the state directors of teacher education and certification about current procedures in teacher education, accreditation, and certification and about standards of practice. Their responses are summarized in this chapter.

The original survey questionnaire collected data on standards and requirements in effect in 1973. Tabulations and edited copy were resubmitted to the state directors for correction or verification at various times throughout 1973 and in some cases their data have been used with or replaced by information from other specialized surveys to present the most up-to-date picture.

The collective total of "states" in this survey is 51, meaning 50 states and the District of Columbia.

PERSONNEL REQUIRED TO HOLD A CERTIFICATE

All 50 states and the District of Columbia require elementary and secondary teachers in the public schools to hold a certificate, either by law or by regulation (some states did not specify which). Most also require certificates of supervisors, principals, superintendents, and special school service personnel such as nurses, librarians, counselors, etc. In addition, all states but 2—Georgia and Idaho—require public kindergarten teachers to hold a certificate, 19 require it for nursery school teachers, and 8 for junior college personnel. Missouri is the only state now reporting that certificates are required of teachers college personnel. (See table 3, p. 9.)

Twenty-nine states require at least some types of private, parochial, or independent school personnel to hold a certificate. (See table 3A, p. 10.) The prevailing pattern—in 14 states—is to require certificates only if the school involved seeks state approval. The 14 states include Maine, where the requirement applies only to parochial schools, and Nevada, to private schools; Alabama and Iowa, where the legal requirement applies to schools which provide education for children ages 7-16; and Missouri, which did not indicate what specific personnel were covered. Four states require certificates if the private, parochial, or independent school receives any state aid. Fourteen states said there are no requirements for private, parochial, and independent school teachers, but four of these also said the state will issue certificates to such teachers if they request them. Eight states did not reply to this question.

MINIMUM REQUIREMENTS FOR ELEMENTARY AND SECONDARY SCHOOL TEACHERS

For the first time in the 23-year history of publication of this manual, all 50 states and the District of Columbia are listed as requiring minimum preparation of at least four college years or the bachelor's degree for beginning public school teachers, both elementary and secondary. (See table 4, pp. 12-13.) In the 1970 manual, Nebraska, South Dakota, and Wisconsin were listed at the nondegree level for elementary teachers (as was Puerto Rico, which did not respond to the current survey).

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[2] *Ibid.*, pp. 20-22. Quality criterion estimates are based on a minimum standard of staffing required for effective instruction, i.e., the number of new teachers needed immediately (a) to fill new positions created to accommodate enrollment changes and trends toward improvement, (b) to replace teachers who leave, (c) to replace (or upgrade) teachers having substandard qualifications, (d) to reduce misassignments, (e) to reduce overcrowded classes, and (f) to reinstate financially induced program cutbacks and increase provisions for at least minimally comprehensive programs. This criterion suggests a minimum class size of 24 pupils per teacher in elementary schools and a minimum per teacher load of 124 pupils a day in secondary schools.

[3] *Ibid.*, p. 22.

[4] *Ibid.*, p. 9.

[5] *Ibid.*, p. 29.

[6] *Ibid.*, p. 29. Based on estimated number of former teachers and 1973 graduates who would actually be seeking employment in teaching.

Nebraska responded, as it had for previous editions, that it was still at the 60 semester hour level for elementary teachers, issuing a certificate of limited validity for designated grades or subjects in certain classes of school districts. However, such certificate is listed in chapter 2 under the heading of "other certificates" and not included with the regular elementary and secondary certificates. Effective in 1972, all beginning elementary teachers in accredited schools in Nebraska were required to have a bachelor's degree, and since the requirement would probably apply in all but a small percentage of cases, the editors chose to list Nebraska as a full-fledged degree state.

South Dakota for the first time with this edition listed itself as a degree state, as was expected. The 1970 manual noted that the state's limited 60 semester hour certificate, similar to the Nebraska certificate mentioned above, would not be issued after July 1972. (However, South Dakota still lists the nondegree certificate in chapter 2.)

Wisconsin reported for this edition that the state is at the degree level effective in 1972, up from a 64-semester-hour minimum for in-state graduates.

ADVANCED PREPARATION REQUIRED

Fourteen states require completion of advanced preparation, usually a fifth year or master's degree program, by elementary and secondary teachers within a certain period of time after issuance of the beginning bachelor's degree certificate.

Arizona requires completion of the fifth year apparently within six years of initial certification. California requires completion of a planned fifth year program within seven years by elementary teachers and within five years by secondary teachers. Connecticut allows ten years to complete the advanced work. In Georgia, the fifth-year requirement goes into effect in 1974 and presumably the time limit is seven years. Indiana allows five years; Kentucky, ten; Maryland, ten; New Mexico, eight; New York, five; Oregon, six (the requirement applies to secondary teachers only); Rhode Island, six; and Washington, six.

Pennsylvania specifies completion of 24 semester hours and Michigan 18, both within six years.

Georgia is the only addition since 1970 to this group of states.

ACADEMIC AND SPECIAL SUBJECT REQUIREMENTS

Tables 5 and 6 (pp. 15-16 and 20-21) list the basic and minimum requirements (i.e., for full-time or major and part-time or minor assignment) for teaching academic and special subjects or fields. It might be noted that 12 states now list all or most of their requirements in general terms (major, minor, approved curriculum, institutional recommendation, percentage of program), compared to 7 states in 1970.

GENERAL REQUIREMENTS

The general requirements for certificates, state by state, are shown in table 7 (p. 24).

There has been a decrease of 5 states (from 30 to 25) since 1970 that require U.S. citizenship for certification. There are some exceptions, of course, among those states that do require it, such as for provisional or temporary certification.

There continues to be a decrease in the number of states that require an oath of allegiance or loyalty—now at 13 as compared to 21 in 1970. Fewer states also require employment as a prerequisite to certification—a decrease from 10 in 1970 to 2 in 1974. Most states require a recommendation from college or employer for initial or renewed certification. There are no changes in minimum age requirements, which in most cases is 18.

Only 19 states reported no fees for issuance of certificates. Six states that were in the "no fee" category in 1970 now have fees—Delaware, Maryland (both for out-of-state applicants), New Hampshire, Utah, Vermont, and Wyoming. One state—New Mexico—which listed a nominal fee in 1970 now reports none. Among the 32 states that charge fees now, there have been some sharp increases since 1970.

Eighteen states require a general health certificate and 13 a chest x-ray or other TB test. Eleven states reported special course requirements, and as in previous years, 8 of these are for courses that can be taken only in-state, e.g., state history; some may be satisfied by examination and some are only for particular teachers.

Three states replied yes to the question of whether or not they require teacher education graduates to pass a national or state proficiency examination as a prerequisite to certification. Mississippi, North Carolina, and South Carolina all require the National Teacher Examinations (Mississippi has been added here since 1970). Court decisions have tended to outlaw this requirement, and it is still being challenged in the states where it remains.

APPROVED-PROGRAM APPROACH

The question was asked, "Does your state use the approved-program approach to certifying teachers essentially as stated below?"

> *Approved-program approach for issuing teachers' certificates*—Certification of applicant largely upon recommendation of the approved teacher education institution (copy of credentials, or transcript, may be required also) that the applicant has completed the approved program and is judged to be qualified, on the basis of preparation and other specified factors, to perform a specified teaching service (such as English, elementary) according to the minimum prescriptions of the state. This implies that the state exercises careful scrutiny of a teacher education program before approval. (Careful scrutiny means program approval on the basis of a campus visit and positive appraisal of a program by a team broadly representative of the profession.) It implies further that the institution's recommendation of a candidate who has completed the program is given major emphasis in issuing the certificate.

Forty-eight states apparently do use the approved-program approach, at least to some extent. Forty-five of those states gave a direct yes answer to the question: Alabama, Alaska, Arizona, Arkansas (effective July 1973), California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming.

Although Missouri said no, it explained the negative response as mainly because state law allows all state institutions to grant BSE graduates a life teaching certificate, and most teachers in the state come through this route.

North Dakota also said no, but as in Missouri, diplomas of teacher education graduates of state institutions (six of the eight institutions approved for teacher education) are accredited as certificates.

Maine did not reply to the question, but other information from the survey indicates this state should be added to the "yes" list.

Only three states gave no indication of the practice—Nevada, South Carolina, and the District of Columbia.

RECIPROCITY

There are several national or regional certification reciprocity systems in operation—those of the National Council for Accreditation of Teacher Education (NCATE), the National Association of State Directors of Teacher Education and Certification (NASDTEC), the Interstate Certification Project (ICP), and the Northeastern States Compact. Forty-six states (including the District of Columbia) participate in one or more of these voluntary plans. (See table 8, p. 25.)

The NCATE now notes in its annual list of accredited institutions[7] that 31 states have an official policy of certifying teachers from out of state, under practically all circumstances, on the basis of graduation from a program accredited by the Council. (This, of course, does not mean that other states will not certify such graduates, only that they have no official policy on it.)

By mid-1974, 31 states had passed enabling legislation for Interstate Certification, a system which originated with a federally funded project of the New York State Education Department. A number of other states are planning the introduction of legislation. Under the interstate system a state can contract with others in the system for mutual acceptance of graduates of state approved teacher education programs which meet agreed upon minimum standards.[8]

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[7] *20th Annual List, 1973-74.* Washington, D.C.: National Council for Accreditation of Teacher Education (1750 Pennsylvania Ave., N.W.), 1974. 41 pp.

[8] For further information, write to Helen W. Hartle,

In an April 1974 survey of the National Association of State Directors of Teacher Education and Certification, 22 states said that they use the NASDTEC annual list of approved programs[9] as a basis for issuance of teaching certificates. That is, they will issue regular certificates to out-of-state graduates of programs approved by the home state on the basis of *Standards for State Approval of Teacher Education*[10] which were formulated by the Association. Some states restrict issuance to graduates of colleges which are also regionally or nationally accredited.

Finally, 7 states still say they belong to the Northeastern States Reciprocity Compact, an 11-state arrangement for reciprocal certification of elementary teacher education graduates of home state approved programs. The other 4 states did not for this survey indicate participation in the compact. However, since all 11 belong to the Interstate Certification system and some to the NCATE and/or NASDTEC systems, it may be that the Northeastern agreement is now considered unnecessary.

GOVERNANCE

Educators in a few states have been successful in attaining either full legal powers or some responsibility to regulate their own profession, i.e., to set standards of preparation and licensure and to establish patterns of ethical and competent performance, with a practitioner majority on the regulatory body.

The state certification directors were asked if their state had passed professional practices or standards legislation. The NEA also made a special survey in this area.[11]

Two states now have commissions established by legislation which have full legal power to regulate the teaching profession: the California Commission on Teacher Preparation and Licensing (established in 1970); and the Oregon Teacher Standards and Practices Commission (established in 1965 as an advisory body and gaining legal autonomy in 1973).

States which have practices and standards commissions and/or boards created by legislative act to be advisory to the state board of education include Alaska (1966), Colorado (1969), Connecticut (1967), Florida (1963), Georgia (1967), Idaho (1972), Iowa (1967), Kansas (1969), Kentucky (1962), Massachusetts (1973), Minnesota (1973), Nebraska (1967), North Dakota (1965), Oklahoma (1965; 1969), Pennsylvania (1974), South Dakota (1969, amended 1974), Texas (1969), and Utah (1973). According to the NEA, many of the boards or commissions are inadequately funded and do not include the responsibility for certification and accreditation.

The above list of states does not preclude the fact that additional states have other kinds of legal or advisory machinery for certification created in some cases by the state education agency and in some cases by legislation.

The NEA has established criteria for determining whether it has met its Association objective in working toward practitioner determination of state standards and procedures for certification in the profession. The criteria are as follows:

1. The state has either a legally established professional board which has legal responsibility for teacher licensure and for state approval of teacher education programs, or it has a board or commission which has the major say in the state about standards for certification and for accreditation of institutions which prepare teachers. (Note: The latter may be advisory to the state board of education at first, but even so, if it is created by law, it can assume the standards determination role if it functions effectively.)
2. K-12 practitioners comprise a group larger than any other membership group (e.g., college representatives, citizens, school board members) on the board or commission.
3. The established professional board must have the approval and support of the state affiliate, including constant attention to im-

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Director, Interstate Certification Project, New York State Education Department, Albany, N.Y. 12210.

[9] Issued by and available from the NASDTEC Standards Committee, 111 Franklin St., Trenton, N.J. 08011.

[10] 1971 Revision of U.S. Office of Education Circular 351, issued by NASDTEC and available from the Division of Teacher Personnel of the Utah State Board of Education, Salt Lake City. $1.50.

[11] The information is taken from a booklet titled *Governance* prepared in various editions for specific states. Single copies are available on request from NEA Instruction and Professional Development, 1201 16th St., N. W., Washington, D. C. 20036.

plementation and maintenance of the board or commission.

Table 9 (p. 26) indicates the powers and responsibilities of various state teacher standards and practices commissions or boards (or equivalent bodies) on which information was submitted for inclusion in a recently compiled governance directory.[12]

ACCOUNTABILITY

In the original survey for this manual, questions were put to the state directors relating to, among other things, performance-based teacher education and certification, teacher evaluation, in-service education, and the establishment of teacher centers for continuing professional development. This part of the survey was followed up with a special, broader inquiry on state laws, decrees, requirements and activities in the above and other specific areas included in the concept of educational accountability. Table 10 (pp. 28-32) presents an interesting and informative picture of what the states have done and are or are not doing in accountability areas directly related to teacher education and certification.

REQUIREMENTS FOR ADMINISTRATORS

Minimum certification (or position) requirements for elementary and secondary school principals and for superintendents are shown in table 11(p. 33).

Forty-seven states now require at least the master's degree or five years of preparation for elementary principals. This is an increase of one state since 1970—Wisconsin went from bachelor's to master's. Fourteen states require more than the master's, with two of them at the six-year level. Three states require in excess of the bachelor's degree but less than the master's, and one state does not have requirements beyond a valid teaching certificate.

For secondary principals, 48 states require at least five years, with 2 being at the six-year level. Two states require in excess of the bachelor's degree but less than the master's, and 1 does not have special requirements.

For superintendents, again 48 states require at least five years, with 28 requiring at least six and 1 requiring seven years. The total of 48 reflects an increase of 4 states since 1970. One state requires in excess of the bachelor's degree but less than the master's, and 2 do not have special requirements for superintendents.

AUXILIARY SCHOOL PERSONNEL

Eight states reported that they require auxiliary personnel (or teacher aides, or paraprofessionals, whatever the term used) to have a permit or certificate, with varying qualifications, for employment in schools. Alabama requires 30 hours of prescribed training for a letter of approval. Delaware issues permits on a high school diploma or experience or other qualifications as determined by the local school board. Georgia named two categories of personnel—teacher aides and paraprofessionals—but did not explain the difference between them. Aides must have a ninth-grade education, 70 clock hours of preservice training, and 45 hours annually of in-service education; paraprofessionals must complete a one-year training program plus 70 hours of preservice education and 45 hours annually of in-service education. New Mexico requires applicants to be at least 18 years of age and a citizen, have a high school diploma or equivalent, present a health certificate, and meet other qualifications as outlined in state board guidelines. New York issues for teaching assistants a one-year temporary license based on a high school diploma or equivalent and supplemental appropriate training, and thereafter a continuing certificate based on completion of 6 semester hours of college study in school service. Ohio and Vermont issue permits, and Wisconsin does also but only in the area of special education.

Although Florida and Kentucky do not require aides to be licensed, both states have enacted legislation that provides a legal definition of such personnel, who must meet minimum qualifications as prescribed by the state and local boards of education. Illinois requires aides to have a minimum of 30 semester hours of college work. Iowa has legal definitions for a teacher associate, who is "employed . . . to supervise pupils on a monitorial or service basis when not in the presence of a properly certificated teacher" and who "shall be registered for the performance of such service"; and for a teacher aide, who is authorized to "perform nonteaching assistance in supportive tasks but who never teaches or supervises pupils" and who "shall be at least 16 years of age."

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[12] *Teacher Standards and Practices Commissions: A Directory*, second edition, August 1974, is available on request from NEA-IPD.

A total of 38 states reported that the state department of education has issued guidelines for the employment of auxiliary personnel—Alabama, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Iowa, Kansas, Kentucky (in preparation), Maine, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming. Hawaii relies on the state civil service regulations. Eleven other states said they have not issued guidelines, and one state did not reply to the question.

Twenty-eight states said definitely that local school districts have adopted regulations for employment of auxiliary personnel in the schools—Alabama, Alaska, Arkansas, Colorado, Connecticut, Georgia, Iowa, Kansas (two cities), Kentucky, Louisiana, Maine, Massachusetts, Minnesota, Mississippi, Nevada (four districts), New Hampshire, New Jersey (Newark), New York, North Carolina, North Dakota, Rhode Island, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, and Wisconsin. Five of these states (Alaska, Louisiana, Massachusetts, Nevada, and South Dakota) are among those that replied no to the questions about state guidelines or requirements.

TABLE 3.—TYPES OF PUBLIC SCHOOL PERSONNEL REQUIRED BY STATE LAW OR REGULATION TO HOLD CERTIFICATES

State	Nursery School Teachers	Kindergarten Teachers	Elementary School			Secondary School			Junior College			Superintendents	Special Service Personnel*
			Teachers	Supervisors	Principals	Teachers	Supervisors	Principals	Teachers	Supervisors	Administrators		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama	L	L	L	L	L	L	L	L	—	—	—	L	L
Alaska	—	L	L	L	L	L	L	L	—	—	—	L	L
Arizona	—	R	R	R	R	R	R	R	R	R	R	R	R
Arkansas	—	X	X	X	X	X	X	X	—	—	—	X	X
California	—	X	X	X	X	X	X	X	X	X	X	X	X
Colorado	L	L	L	L	L	L	L	L	—	—	—	L	L
Connecticut[a]	R	R	R	R	R	R	R	R	—	—	—	R	R
Delaware	—	L	L	L	L	L	L	L	—	—	—	L	L
Dist. of Col.	X	X	X	X	—	X	X	—	—	—	—	—	X
Florida	—	L	L	L	L	L	L	L	L	—	—	—	X
Georgia	—	—[b]	X	X	X	X	X	X	—	—	—	X	X
Hawaii	L	L	L	—[c]	L	L	—[c]	L	—	—	—	L	L
Idaho	—	—	X	X	X	X	X	X	—	—	—	X	X
Illinois	—	L	L	L	L	L	L	L	—	—	—	L	L
Indiana	—	L	L	L	L	L	L	L	—	—	—	L	L
Iowa	X	X	L	L	L	L	L	L	L	L	X[d]	L[d]	L
Kansas	L[e]	L	L	L	L	L	L	L	L	L	L	L	R
Kentucky	L	L	L	L	L	L	L	L	—	—	—	L	L
Louisiana[f]	L	L	L	L	L	L	L	L	—	—	—	L	L
Maine	—	R	R	R	R	R	R	R	—	—	—	R	—
Maryland	—	L	L	L	L	L	L	L	—	—	—	L	L
Massachusetts	—	L	L	L	L	L	L	L	L[g]	—	—	L	L
Michigan	R	L	L	R[h]	R[h]	L	R[h]	R[h]	—	—	—	R[h]	L
Minnesota[i]	R	R	R	R	R	R	R	R	—	—	—	R	R
Mississippi	—	R	L	L	L	L	L	L	—	—	—	L	L
Missouri[j]	—	R	R	R	R	R	R	R	R	R	R	R	R[k]
Montana	—	L	L	L	L	L	L	L	—	—	—	L	L
Nebraska	L	L	L	L	L	L	L	L	—	—	—	L	R
Nevada	—	X	X	X	X	X	X	X	—	—	—	X	X
New Hampshire	R	R	R	R	R	R	R	R	R	R	R	R	R
New Jersey	L	L	L	L	L	L	L	L	—	—	—	L	L
New Mexico	—	L	L	L	L	L	L	L	—	—	—	L	L
New York	L	L	L	L	L	L	L	L	—	—	—	L	L
North Carolina	—	L	L	L	L	L	L	L	—	—	—	L	L
North Dakota	X	X	X	X	X	X	X	X	—	—	—	X	X
Ohio	—	L	L	L	L	L	L	L	—	—	—	L	L
Oklahoma	—	L	L	—	L[l]	L	—	L[l]	—	—	—	L	L
Oregon	—	X	X	X	X	X	X	X	—	—	—	X	X
Pennsylvania	X	X	X	X	X	X	X	X	—	—	—	X	X
Rhode Island	—	R	R	R	R	R	R	R	—	—	—	R	R
South Carolina	—	X	X	X	X	X	X	X	—	—	—	X	X
South Dakota	X	X	X	X	X	X	X	X	—	—	—	X	X[m]
Tennessee	—	R	R	R	—	R	R	—	—	—	—	R	—
Texas	—	X	X	X	X	X	X	X	—	—	—	X	X
Utah	—	X	X	X	X	X	X	X	—	—	—	X	X
Vermont	—	L	L	L	L	L	L	L	—	—	—	L	L
Virginia[n]	—	R	R	R	R	R	R	R	—	—	—	—	R
Washington	—	R	R	R	R	R	R	R	—	—	—	R	R[o]
West Virginia	L	L	L	L	L	L	L	L	—	—	—	—	—[m]
Wisconsin	X	X	X	X	X	X	X	X	—	—	—	X	X
Wyoming	—	R	R	R	R	R	R	R	—	—	—	R	R

TABLE 3A.—TYPES OF PRIVATE/PAROCHIAL/INDEPENDENT SCHOOL PERSONNEL REQUIRED BY STATE LAW OR REGULATION TO HOLD CERTIFICATES

State	Nursery School Teachers	Kindergarten Teachers	Elementary School			Secondary School			Junior College			Special Service Personnel*
			Teachers	Supervisors	Principals	Teachers	Supervisors	Principals	Teachers	Supervisors	Administrators	
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama[a]	—	—	L	L	L	L	L	L	—	—	—	—
Alaska[b]	—	R	R	R	R	R	R	R	—	—	—	R
Arizona[b]	—	X	X	X	X	X	X	X	—	—	—	X
Arkansas[b]	—	X	X	X	X	X	X	X	—	—	—	—
California	—	—	—	—	—	—	—	—	—	—	—	—
Colorado[b]	—	R	R	R	R	R	R	R	—	—	—	R
Connecticut	—	—	—	—	—	—	—	—	—	—	—	—
Delaware	—	—	—	—	—	—	—	—	—	—	—	—
Dist. of Col.	—	—	—	—	—	—	—	—	—	—	—	—
Florida	—	—	—	—	—	—	—	—	—	—	—	—
Georgia[b]	—	X	X	X	X	X	X	X	—	—	—	X
Hawaii	L	L	L	—[c]	L	L	—[c]	L	—	—	—	L
Idaho[b]	—	R	L	L	L	L	L	L	—	—	—	L
Illinois	—	—	—	—	—	—	—	—	—	—	—	—
Indiana	—	—	—	—	—	—	—	—	—	—	—	—
Iowa[d]	—	R	L	L	L	L	L	L	—	—	—	L
Kansas[b]	X	X	X	X	X	X	X	X	X	X	X	X
Kentucky[e]	—[f]	—[f]	L	L	L	L	L	L	—	—	—	L
Louisiana[b,g]	L	L	L	L	L	L	L	L	—	—	—	L
Maine[b,h]	—	R	R	R	R	R	R	R	—	—	—	—
Maryland	—[i]	—[i]	—[i]	—[i]	—[i]	—[i]	—[i]	—[i]	—	—	—	—
Massachusetts[j]	—	—	—	—	—	—	—	—	—	—	—	—
Michigan	R	L	L	R	R	L	R	R	—	—	—	L
Minnesota	—	—	—	—	—	—	—	—	—	—	—	—
Mississippi	—	—	—	—	—	—	—	—	—	—	—	—
Missouri[b]	—	—	—	—	—	—	—	—	—	—	—	—
Montana[b]	—	—	R	R	R	R	R	R	—	—	—	—
Nebraska	L	L	L	L	L	L	L	L	—	—	—	R
Nevada[k]	—	X	X	—	—	X	—	—	—	—	—	X
New Hampshire[l]	—	R	R	R	R	R	R	R	—	—	—	—
New Jersey[m]	L[m]	—	—	—	—	—	—	—	—	—	—	—
New Mexico	—	L	L	L	L	L	L	L	—	—	—	L
New York	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina	—	L	L	—	—	L	—	—	—	—	—	—
North Dakota[b]	—	X	X	X	X	X	X	X	—	—	—	X
Ohio[n]	—	L	L	L	—	L	L	—	—	—	—	L
Oklahoma[m]	—	L	L	—	L	L	—	L	—	—	—	L
Oregon	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania[j]	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island[o]	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina	—	—[j]	—[j]	—	—	—[j]	—	—	—	—	—	—
South Dakota	—	X	X	X	X	X	X	X	—	—	—	X
Tennessee[p]	—	—	—	—	—	—	—	—	—	—	—	—
Texas[b]	—	X	X	X	X	X	X	X	—	—	—	X
Utah	—	—	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—	—	—	—
Virginia[b]	—	R	R	R	R	R	R	R	—	—	—	R
Washington	—	—	R	—	R	R	—	R	—	—	—	R[q]
West Virginia[p]	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin	—	—	—	—	—	—	—	—	—	—	—	—
Wyoming	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 3 FOOTNOTES

LEGEND: L means that certificates are required by law; R means by regulation of the state board of education. X means that certificates are required but the state did not specify whether by law or regulation.

[*] All types of special service personnel (e.g., librarians, counselors, school social workers, school nurses, school psychologists, etc.) may or may not be included in this category for a particular state. Refer to chapter 2 for the types of special service certificates issued by each state.

[a] Connecticut regulation, by statute, has the effect of law.

[b] A certificate is available.

[c] No supervisory certificate other than "school administrator."

[d] All area school/community college administrators must hold a certificate except the area superintendent.

[e] If part of the public school system.

[f] "Law" here means standards of the State Board of Education.

[g] Only in junior colleges operated by a local school committee.

[h] Michigan does not issue a certificate for supervisors and administrators but they are required to hold a valid Michigan teaching certificate.

[i] The law requires public school personnel to hold certificates according to State Board regulations.

[j] Missouri also requires certificates of teachers college teachers.

[k] Nurses are not required to hold a certificate from the State Department of Education but may hold a teaching certificate if fully qualified in a field such as biology, chemistry, etc.

[l] Nonteaching principals.

[m] Except those certified by their respective professions (e.g., nurse, M.D.).

[n] Virginia law requires that teachers regularly employed or paid from public funds hold certificates in accordance with State Board of Education regulations.

[o] Effective October 31, 1973.

TABLE 3A FOOTNOTES

LEGEND: L means that certificates are required by law; R means by regulation of the state board of education. X means that certificates are required but the state did not specify whether by law or regulation.

[*] All types of special service personnel (e.g., librarians, counselors, school social workers, school nurses, school psychologists, etc.) may or may not be included in this category for a particular state. Refer to chapter 2 for the types of special service certificates issued by each state.

[a] In schools offering programs for ages 7-16.

[b] If accreditation is desired.

[c] No supervisory certificate other than "school administrator."

[d] In lieu of public school attendance, children ages 7-16 "may attend equivalent instruction by a certified teacher."

[e] Any accredited bachelor's degree graduate qualifies for certification in non-tax-supported schools. Parochial schools tend to follow the public school certification pattern; private schools tend to utilize certification for non-tax-supported schools.

[f] Nursery schools and kindergartens must be licensed by the state.

[g] "Law" here means standards of the State Board of Education.

[h] In parochial schools.

[i] Certificates are issued on request to nonpublic school personnel who qualify, in schools desiring state approval. Certain parochial elementary schools are now requesting certification for their teachers although state approval is not required.

[j] Certificates are issued on request to teachers who qualify.

[k] In private schools only.

[l] In schools receiving state aid.

[m] For accreditation and state aid (in New Jersey, nursery schools and schools for handicapped).

[n] Only in schools receiving state aid. Non-tax-supported schools not requesting state aid may use "non-tax-supported certificate."

[o] Certificates are not required, but many teachers and administrators in private schools hold certificates.

[p] Some nonpublic schools require state certification; it is not required by the state.

[q] Effective October 31, 1973.

TABLE 4.—MINIMUM REQUIREMENTS FOR LOWEST REGULAR TEACHING CERTIFICATES*

State	Elementary School					Secondary School				
	Degree	General Education (Semester Hours)	Professional Education (Total Semester Hours)	Student Teaching (Included in Col. 4)	Educational Philosophy-Psychology-Sociology (Included in Col. 4)	Degree	General Education (Semester Hours)	Professional Education (Total Semester Hours)	Student Teaching (Included in Col. 9)	Educational Philosophy-Psychology-Sociology (Included in Col. 9)
1	2	3	4	5	6	7	8	9	10	11
Alabama	B	59	27	6	—	B	44	21	6	—
Alaska	B	AC	AC	AC	AC	B	AC	AC	AC	AC
Arizona	B[a]	40	24	6	3	B[a]	40	22	6	3
Arkansas	B	48	18	6	3	B	48	18	6	3
California	B[b]	AC	AC†	AC†	AC†	B[b]	AC	AC†	AC†	AC†
Colorado	B	AC	AC	AC	AC	B	AC	AC	AC	AC
Connecticut	B[c]	75	30	6	6	B[c]	45	18	6	6
Delaware	B	60	30	6	6	B	60	18	6	9
District of Col.	B[d]	AC	AC	AC	AC	M[d]	AC	AC	AC	AC
Florida	B	45	20	6	6	B	45	20	6	6
Georgia	B[e]	40	18	6	—	B[e]	40	18	6	—
Hawaii	B	AC	18	AC[f]	—	B	AC	18	AC[f]	—
Idaho	B	42	24	6	6[g]	B	—	20	6	6[g]
Illinois	B	78	16	5	2	B	42	16	5	2
Indiana	B[h]	97	27	8	10	B[h]	50	18	6	6
Iowa	B	40	20	5	—	B	40	20	5	—
Kansas	B	50	24	5	12	B	50	20	5	12
Kentucky	B[i]	45	24	8	—[j]	B[i]	45	17	8	—[j]
Louisiana	B	46	24	4	9	B	46	18	4	9
Maine	B	60	30	6	3	B	60	18	6	3
Maryland	B[k]	80	26	8	6	B[k]	—	18	6	6
Massachusetts	B[l]	—	18	2[m]	—	B[l]	—	12	2[m]	—
Michigan	B[n]	40	20	6	6[o]	B[n]	40	20	6	6[o]
Minnesota	B	AC	AC	AC	AC	B	—	27[p]	6[p]	—
Mississippi	B	48	36	6	6	B	48	18	6	6
Missouri	B	AC	18	5	7	B	40	18	5	7

TABLE 4.—MINIMUM REQUIREMENTS FOR LOWEST REGULAR TEACHING CERTIFICATES*—*(Continued)*

State	Elementary School					Secondary School				
	Degree	General Education (Semester Hours)	Profes-sional Education (Total Semester Hours)	Student Teaching (Included in Col. 4)	Educational Philosophy-Psychology-Sociology (Included in Col. 4)	Degree	General Education (Semester Hours)	Profes-sional Education (Total Semester Hours)	Student Teaching (Included in Col. 9)	Educational Philosophy-Psychology-Sociology (Included in Col. 9)
1	2	3	4	5	6	7	8	9	10	11
Montana	B	AC	AC	AC	AC	B	AC	16	AC	AC
Nebraska	B[q]	AC	AC	AC	AC	B	AC	AC	AC	AC
Nevada	B	—	18[r]	6	—	B	—	20	6	—
New Hampshire	B[s]	AC	AC	AC	AC	B[s]	AC	AC	AC	AC
New Jersey	B	45	24	—[t]	—[u]	B	45	15	—[t]	—[u]
New Mexico	B[v]	48	24	6	—	B[v]	48	18	6	—
New York	B[w]	NS	24	NS[f]	—	B[w]	NS	12	NS[f]	—
North Carolina	B	35-40%	15-20%	—	—	B	35-40%	15-20%	—	—
North Dakota	B	NCATE	16	5	—	B	NCATE	16	5	—
Ohio	B[x]	60	29	6	6	B[x]	30	21	6	6
Oklahoma	B	50	21	9	—	B	50	21	9	—
Oregon	B	—	24	6	—	B[y]	—	20	6	—
Pennsylvania	B[z]	AC	AC	AC	AC	B[z]	AC	AC	AC	AC
Rhode Island	B[aa]	—	30	6	—	B[aa]	—	18	6	—
South Carolina	B	42-45	21	6	3	B	42-45	18	6	3
South Dakota	B[bb]	30	26	6	—	B	—	20	6	—
Tennessee	B	40	24	4	—	B	40	24	4	—
Texas	B	60	18	6	—	B	60	18	6	—
Utah	B	AC	25	8	6	B	AC	21	8	6
Vermont	B	AC	18	9	3	B	AC	18	9	3
Virginia	B	60	18	6	3	B	48	15	6	3
Washington	B[ee]	70%[dd]	20%[dd]	—	—	B[ee]	70%[dd]	20%[dd]	—	—
West Virginia	B	40	20	6	AC	B	40	20	6	—
Wisconsin	B	AC	26	5	AC	B	AC	18	5	AC
Wyoming	B	40	23	C	—	B	40	20	C	—

TABLE 4 FOOTNOTES

LEGEND: — means not reported. AC means approved curriculum; B means completion of the bachelor's degree; M means completion of the master's degree; C means a course; NS means not specified; NCATE means standards of the National Council for Accreditation of Teacher Education.

[*] Requirements listed are those which are basic for lowest regular certificates. Some variations may be found in the requirements for specific certificates listed for the respective states in chapter 2.

[a] For the temporary certificate, valid for six years only. Teachers must qualify for the standard certificate by completing a fifth year of preparation.

[b] For the initial standard credential. Teachers must qualify for the permanent credential by completing a planned fifth year program of 30 semester hours (s.h.) postbaccalaureate work (or whatever constitutes a year of work in the preparing institution)—within seven years for elementary teachers, five years for secondary teachers.

[c] For elementary teachers, California standards apparently call for 20 s.h. of professional studies (8 student teaching, 8 educational psychology/sociology/philosophy, 4 curriculum and methods); for secondary teachers 15 s.h. (6, 6, and 3).

[d] For the provisional certificate, valid for five years and renewable once for five years. Teachers must qualify for the standard certificate by completing a fifth year of preparation.

[d] Bachelor's degree for elementary and junior high schools; master's degree for senior and vocational high schools.

[e] Effective July 1, 1974, the initial certificate, based on the bachelor's degree, will be nonrenewable; completion of a fifth year of preparation will be required for continuing certification.

[f] Not included in total professional education.

[g] Three s.h. in educational psychology, 3 in principles of education.

[h] For the provisional certificate, valid for five years only; teachers must qualify for the professional certificate by obtaining a master's degree.

[i] For the provisional certificate, valid for ten years and extendable only on completion of a fifth year of preparation. A master's degree is required for the standard certificate.

[j] Recommended but not required.

[k] For the initial certificate, valid three years and renewable for seven; teachers must qualify for the professional certificate, based on the master's degree or equivalent, after ten years of service.

[l] Or graduation from a four-year normal school approved by the State Board of Education.

[m] The requirement is 6 s.h. for the bilingual education certificate.

[n] For the provisional certificate, valid for six years and renewable for three; teachers must complete an additional 18 s.h. for continuing certification.

[o] Or equivalent.

[p] Quarter hours.

[q] Elementary teachers in accredited schools must hold a certificate based on the degree. Nebraska does issue provisional rural elementary and commitment certificates on a minimum of 60 s.h., valid only for specifically endorsed grades or subjects in designated classes of school districts for a limited time.

[r] For the five-year nonrenewable certificate; teachers must qualify for the regular certificate, which requires 30 s.h.

[s] A provisional conversion license may be issued to the holder of a bachelor's degree from a regionally accredited institution but not in a program approved by New Hampshire. A certificate will be issued on completion of the conversion program and recommendation of the superintendent attesting to competent performance and satisfactory professional growth.

[t] College requirement; not included in total professional education column.

[u] Educational psychology, included in total professional education.

[v] For the provisional certificate, valid for four years and renewable once for four years. Teachers must complete a fifth year of preparation for continuing certification.

[w] For the provisional certificate, valid for five years only. Teachers must qualify for permanent certification by completing a fifth year of preparation.

[x] Total s.h.—124.

[y] For the initial certificate, valid for three years and renewable once for three years. Secondary teachers must complete a fifth year of preparation for continuing certification.

[z] For the provisional certificate, valid for three years and renewable once for three years. Teachers must qualify for the permanent certificate by completing 24 s.h. of postbaccalaureate work.

[aa] For the provisional certificate, valid for six years only. Teachers must qualify for the professional certificate by completing a fifth year of preparation (36 s.h. or a master's degree).

[bb] South Dakota still lists a nondegree elementary certificate, valid for teaching grades K-9, except in K-12 school systems. The 1970 edition noted that this certificate was to be discontinued in 1972.

[cc] For the provisional certificate, valid for three years and renewable once for three years. Teachers must qualify for the standard certificate by completing a fifth year of preparation.

[dd] Ten percent electives.

TABLE 5.—BASIC AND MINIMUM REQUIREMENTS FOR AUTHORIZATION TO TEACH AN ACADEMIC FIELD OR SUBJECT

State	English		Foreign Language		Mathematics		Science		Physical Science		Chemistry		Physics		Biological Science		Biology		Earth Science	
	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR
1	2		3		4		5		6		7		8		9		10		11	
Alabama	30	18	24	18	24	18	30[a]	18	24	18	24	18	24	18	24	18	24	18	—	—
Alaska	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Arizona	30	24	30	20	30	20	30	24	30	18	30	18	30	18	30	18	30	18	30	18
Arkansas	24	24	21	21	21	21	24	24	24[a]	24	24[a]	24	24[a]	24	24[a]	24	—	—	—	—
California[a]	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Colorado	M	20[a]	M	20	M	20	M	20[a]	M	20[b]	M	20[c]	M	20[c]	M	20[c]	M	20[c]	M	20[c]
Connecticut	30	—	24	—	18	—	21	—	—	—	18	—	18	—	18	—	—	—	18	—
Delaware	36[a]	24[b]	30[c]	24	30	18[b]	—	—	—	—	18[d]	12[e]	18[f]	12[e]	—	—	24[b]	18[c]	—	—
District	30	—	30	—	30	—	30	—	30	—	30	—	30	—	30	—	30	—	—	—
Florida	30	—	24[a]	—	21	—	—	—	—	—	20	—	20	—	—	—	20	—	M	—
Georgia	27	6	24	6	27	6	27	6	27	6	24	6	24	6	24	6	24	6	27	6
Hawaii	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Idaho	30	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20
Illinois*[a]	24	24	20	20	20	20	—	—	24	24	—[b]	—[b]	—[b]	—[b]	24	24	—	—	—	—
Indiana	40	24	40	24	40	24	40	24	40	24	40	24	40	24	40	24	40	24	40	24
Iowa*[a]	30	20	30	20	30	20	30[b]	20	30[b]	20	30[b]	20	30[b]	20	30[b]	20	30[b]	20	30[b]	20
Kansas*[a]	36[b]	—	24/15[c]	—	18[d]	—	24	—	—	—	24/12[e]	—	24/12[f]	—	—	—	24/12[e]	—	—	—
Kentucky[a]	48/30[b]	24	48/30[c]	21	30	21	48[d]	—[d]	48[e]	—[e]	30	21	30	21	—	—	30	21	30	21
Louisiana	24	24	24	24	18	18	—	—	—	—	12	12	12	12	—	—	12	12	—	—
Maine*[a]	30[b,c]	30[b,c]	30[b]	30[b]	30[b]	30[b]	50[d]	50[d]	50	50	30[b]	30[b]	30[b]	30[b]	50	50	30[b]	30	50	50
Maryland	24	24	24[a]	18	24[b]	18	36[c]	36	—	—	24	24	24	24	—	—	24	24	24	24
Massachusetts	18	—	18	—	18	—	18	—	18	—	18	—	18	—	18	—	18	—	18	—
Michigan[a]	30	20	30	20	30	20	36	24	30	20	30	20	30	20	30	20	30	20	30	20
Minnesota[a]	M	m	M	m	M	m	M	m	M	m	M	m	M	m	M	m	M	m	M	m
Mississippi	30	24	18	12	24	18	32	24	16	16	16	16	16	16	16	16	16	16	16	16
Missouri	30	30	30[a]	30	30	30	—	—	—	—	30[b]	20	30[b]	20	30[c]	20	30[c]	20	30	20
Montana	30	20	30	20	30	20	30	20	30	20	10[a]	10[a]	10[a]	10[a]	30	20	10[b]	10[b]	—	—
Nebraska	30	18	30	18	30	18	—	—	48	18	30	18	30	18	30	18	30	18	30	18
Nevada	M	—	M	—	M	—	M	—	M	—	M	—	M	—	M	—	M	—	M	—
New Hampshire[a]	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
New Jersey	24	—	24	—	24	—	30	—	24	—	—	—	—	—	24	—	—	—	24	—
New Mexico	24[a]	24[a]	24	24	24	24	24	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24
New York	36	36	24	24	18	18	—	—	—	—	36[a]	36[a]	36[a]	36[c]	—	—	36[a]	36[a]	36[a]	36[a]
North Carolina[a]	30%	—	25%	—	25%	—	40%	—[b]	—[b]	—	—[b]	—	—[b]	—	—[b]	—	—[b]	—	—[b]	—
North Dakota*[a]	M	16	M	16	M	16	M	16	M	16	M	16	M	16	M	16	M	16	M	16
Ohio	—	30	—	30[a]	—	20	—	60[b]	—	—	—	20	—	20	—	20	—	20	—	20
Oklahoma	32	18	24	18	28	18	36	18	36[a]	18	36[a]	18	36[a]	18	36[a]	18	36[a]	18	36[a]	18
Oregon	28	—	30	—	28	—	30[a]	—	30	—	—	—	—	—	30	—	—	—	30	—
Pennsylvania	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Rhode Island	18[a]	—	18	—	18	—	—	—	—	—	24[b]	—	24[b]	—	—	—	24[b]	—	—	—
South Carolina	36	36	24	24	18	18	30	30	—	—	12	12	12	12	—	—	12	12	—	—
South Dakota	18	18	18	18	18	18	—	—	12	—	21[a]	—	21[a]	—	21[a]	—	21[a]	—	—	—
Tennessee	24	24	24[a]	24	18	18	32[b]	32	—	—	16	16	16	16	—	—	16	16	—	—
Texas[a]	24	24	24	24	24	24	48[b]	48	24	24	24	24	24	24	24	24	24	24	24	24
Utah*	27	15	27	15	27	15	—	—	42	42	27	15	27	15	42	42	—	—	42	42
Vermont[a]	M	15	M	15	M	15	M	15	M	15	M	15	M	15	M	15	M	15	M	15
Virginia	30	30	30[a]	30	27	16[b]	—	—	—	—	24	24	20	16[c]	—	—	24	24	24	24
Washington*[a]	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
West Virginia[a]	36[b]	24	30	24	30	18	—	—	—	—	42[c]	—	42[c]	—	—	—	44[c]	—	—	—
Wisconsin	22	22	22	22	22	22	54	54[a,b]	22	22[b]	22	22	22	22	—	—	22	22	22	22
Wyoming[a]	30	18	30	18	24	18	30	18	30	18	30	18	30	18	30	18	30	18	30	18

TABLE 5.—BASIC AND MINIMUM REQUIREMENTS FOR AUTHORIZATION TO TEACH AN ACADEMIC FIELD OR SUBJECT—(Continued)

	General Science		Social Science		History		Geography		Psychology		Sociology		Anthropology		Economics		Civics		Pol. Science and Government	
State	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR
12	13		14		15		16		17		18		19		20		21		22	
Alabama	30[a]	18	30[b]	18	24	18	24	18	24	18	24	18	—	18	24	18	—	—	24	18
Alaska	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Arizona	30	18	30	24	30	18	30	18	30	18	30	18	30	18	30	18	30	18	30	18
Arkansas	24[a]	24	24	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24	24[b]	24
California	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Colorado	M	20[d]	M	20[a]	—	20[a]	—	20[a]	—	20[a]	—	20[a]	—	20[a]	—	20[a]	—	20[a]	—	20[a]
Connecticut	21	—	30	—	18	—	—	—	18	—	18	—	—	—	18	—	—	—	—	—
Delaware	30[j]	24[k]	30[l]	18[m]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
District	30	—	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Florida	18	—	30	—	24	—	18	—	M	—	18	—	—	—	18	—	—	—	18	—
Georgia	27	6	36	—	24	6	24	6	27	6	27	6	27	6	24	6	—	—	24	6
Hawaii	M	M	M	M	M	M	M	M	M	M	—	—	—	—	—	—	M	M	M	M
Idaho	30	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20	—	—	30	20
Illinois	24	24	24	24[c]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Indiana	40	24	40	24	40	24	40	24	40	24	40	24	40	24	40	24	40	24	40	24
Iowa	30[c]	20	30[d]	20	30	20	30	20	30	20	30	20	—	—	30	20	—	—	30	20
Kansas	24[h]	—	36	—	36/12[i]	—	36/6	—	24/6	—	36/6	—	36/6	—	36/6	—	—	—	36/12	—
Kentucky	—[f]	—	48[g]	—	30	21	30	21	30	21	30	21	—	—	30	21	—	—	30	21
Louisiana	18[a]	18[a]	24	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Maine	—	—	50	50	—	—	—	—	18	18	30	30	—	—	30	30	—	—	30	30
Maryland	—	—	36[d]	36[d]	24[e]	24[e]	24	24	24	24	24	24	24	24	24	24	—	—	24	24
Massachusetts	18	—	18	—	18	—	18	—	—	—	18	—	—	—	—	—	—	—	—	—
Michigan	36	24	36	24	30	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20
Minnesota	M	m	M	m	M	m	M	m	M	m	M	m	M	m	M	m	M	m	M	m
Mississippi	32	24	30	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Missouri	30	20	40	40	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]	—[d]
Montana	30	20	30	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nebraska	48	18	45	18	30	18	30	18	30	18	30	18	30	18	30	18	—	—	30	18
Nevada	M	—	M	—	M	—	M	—	M	—	M	—	M	—	M	—	—	—	M	—
New Hampshire	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
New Jersey	—	—	30[a]	—	—[a]	—	—[a]	—	—	—	—[a]	—	—[a]	—	—[a]	—	—[a]	—	—[a]	—
New Mexico	24[c]	24	24	24	24[d]	24	24[d]	24	24[d]	24	24[d]	24	24[d]	24	24[d]	24	24[e]	24	24[f]	24
New York	—[b]	—	36	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina	—[b]	—	35%	—[c]	—[c]	—	—[c]	—	—[c]	—	—[c]	—	—[c]	—	—[c]	—	—[c]	—	—[c]	—
North Dakota	M	16	M	16	M	16	M	16	M	16	M	16	M	16	M	16	M	16	M	16
Ohio	—	20	—	60	—	30	—	20	—	20[c]	—	20	—	20	—	20	—	—	—	20
Oklahoma	36[a]	18	36	18	36[b]	18	36[b]	18	36[b]	18	36[b]	18	36[b]	18	36[b]	18	36[b]	18	36[b]	18
Oregon	—	—	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Rhode Island	24[c]	—	36[d]	—	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina	18	18	30	30	18	18	12	12	12	12	12	12	—	—	12	12	—	—	12	12
South Dakota	21	—	24[b]	—	—[b]	—	—[b]	—	—[b]	—	—[b]	—	—[b]	—	—[b]	—	—[b]	—	—[b]	—
Tennessee	16[c]	16	36[d]	36	18	18	12	12	—	—	12	12	—	—	12	12	—	—	12	12
Texas	48[b]	48	48[c]	48	—	—	—	—	—	—	—	—	—	—	24	24	—	—	24	24
Utah	42	42	42	42	27	15	27	15	27	15	27	15	—	—	27	15	—	—	27	15
Vermont	M	15	M	15	M	15	M	15	M	15	M	15	M	15	M	15	M	15	M	15
Virginia	24[d]	24[d]	42[e]	42[e]	24	24	18	18	24	24	18	18	—	—	18	18	—	—	18	18
Washington	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
West Virginia	30[c]	—	48[d]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wisconsin	—[c]	—[c]	54[d]	54[d]	22	22	22	22	22	22	22	22	22	22	22[e]	22[e]	22	22	22	22
Wyoming	30	24	36	12	36	12	36	12	36	12	36	12	36	12	36	12	—	—	36	12

TABLE 5 FOOTNOTES

LEGEND: Requirements stated in figures are semester hour requirements. ***BR*** means the basic requirement for teaching a subject full time, for a major fraction of the school day, or in the highest classification of schools. ***MR*** means the minimum requirement for teaching a subject part time, for a minor fraction of the school day, or in the lowest classification of schools. — means not reported. ***M*** means a major, ***m*** means a minor. ***AC*** means approved curriculum. ***R*** means institutional recommendation.

[a] The high school certificate is of the blanket type for academic fields; authorized teaching fields are not endorsed on the certificate. Where teaching requirements are listed, these are enforced by the employing school officer or by accrediting regulations.

Alabama

[a] This work must include biology, chemistry, and physics.
[b] A major in social science must include at least two fields.

Arkansas

[a] Certification in science, including 12 s.h. in the specific subject.
[b] Certification in social studies, including 6 s.h. in the specific subject and 3 in state history.

California

[a] BR—upper division, 24; MR—upper division, 18 or 9.

Colorado

[a] Including 5 s.h. in the specific subject taught.
[b] Including physics and chemistry.
[c] Twenty s.h. in science, including 10 in the specific subject.
[d] Including biological, earth, and physical science.

Delaware

[a] Or 30 s.h. if freshman English was waived by the college.
[b] Minimum requirement for permission to teach up to three classes along with classes in the certificated subject.
[c] In addition, a demonstrated proficiency of at least "good," as measured by criteria of the Modern Language Association.
[d] Plus 6 each in physics, biology, and mathematics.
[e] Minimum requirement to teach up to two classes or sections, plus 6 s.h. in biology, physics, and/or college-level math.
[f] Plus 6 s.h. each in chemistry, biology, and math.
[g] Minimum requirement to teach up to two classes or sections, plus 6 s.h in math.
[h] Plus 6 s.h. each in chemistry and elective science.
[i] Minimum requirement to teach up to two classes or sections, plus 3 s.h. in chemistry.
[j] Six each in biology, chemistry, physics or physical science, mathematics, and electives.
[k] For partial teaching assignment of up to three classes or sections the requirement is 18 s.h., including two semesters in each of chemistry, physics, and biology.
[l] Thirty s.h. in specified areas.
[m] Minimum requirement, including two semester courses in U.S. history, for permission to teach up to three sections or classes along with certificated area.

Florida

[a] For the first language; 18 s.h. for the second.

Illinois

[a] The requirement for a special certificate in any field is a major of 32 s.h.
[b] Ten s.h. in the subject, with 24 in the field of physical science.
[c] May be a minor of 16 s.h. in history, provided the applicant has a total of 24 in social science.

Iowa

[a] Iowa actually issues two authorizations: a general certificate and an approval statement. Institutions are authorized to file programs of teacher education specifying higher than minimum standards. When such programs are approved, students attending such institutions must meet the institutional standards, even though they exceed the minimum state standards, in order to secure "regular approval." Teachers devoting a major portion of time to a subject area are urged to have 30 s.h. of preparation in it.
[b] Standards require completion of a teaching major (30) or minor (20) in the specific subject or 24 s.h. in science, including 12 in the specific subject taught.
[c] Major (30) or minor (20) and 12 s.h. (four courses) divided among two other sciences. The combination must include biological science, physical science, and chemistry.
[d] Standards require a teaching major (30) or minor (20) in the specific subject or 24 s.h. in social studies, including 12 in the specific subject.

Kansas

[a] Where two numbers appear, the first is in the field, the second in the subject.
[b] Twenty-four s.h. in basic English must include one course in advanced composition and one chosen from among modern grammar, linguistics, or history of the English language. The other 12 s.h. must include one course in speech and the remainder may include related fields of speech, theater, journalism, and the teaching of reading.
[c] Only 15 s.h. required for authorization in Latin. A second modern language may be taught with 15 s.h. in the field.
[d] General math, 18 s.h.; other math, 18 s.h., beginning at a level equivalent to analytic geometry and calculus.
[e] The 12 s.h. in chemistry must include courses in inorganic, organic, and analytical chemistry.
[f] The 12 s.h. in physics must include at least one physics course for which a general one-year lab course in physics is prerequisite.
[g] The 12 s.h. in biology must include a lab course in general botany and one in general zoology.
[h] Including one lab course in each of the sciences (biology, chemistry, and physics) and full qualification to teach in one.
[i] American history and government or world history.

Kentucky

[a] Specialization requirements for certification may be completed under one of two options (see below) in accordance with these definitions: *Area of concentration*—concentration usually 48 s.h., in accordance with an approved plan designed to ensure well-rounded specialization in the area. *Major*—minimum of 30 s.h. in accordance with scope and sequence appropriate for the subject. *Minor*—minimum of 21 s.h. in accordance with scope and sequence; a minor in English requires 24 s.h.

Specialization Option 1, an area of concentration. *Specialization Option 2*, one teaching major selected from a list of recognized subjects.

Where two numbers are listed, the first is for the area of concentration, the second for the major. Single numbers refer to majors only.

[b] Area of 48 s.h. must include 30 distributed among grammar, composition, and literature.
[c] Area of 48 s.h. includes at least 18 in the leading language, 12 in each of two others, and 6 in electives.
[d] Area in natural science includes biology, chemistry, and physics, with 15 s.h. in one subject and 12 in each of the other two; 3 s.h. in geology; remainder in electives.
[e] Area in physical science and math includes at least 15 s.h. each in chemistry, physics, and mathematics.
[f] No separate certification in general science. A teacher qualifies for general science if certificated in the science area of concentration or in chemistry, physics, or biology as the major or minor subject.
[g] Area in social studies includes 18 s.h. in history and 6 each in political science, economics, sociology, and geography; remainder in electives.

Louisiana

[a] Six each in chemistry, biology, and physics.

Maine

[a] Maine requires a 30 s.h. major and an 18 s.h. minor, or an area of 50 s.h. Applicants are not limited to subject matter in the major or minor.
[b] Thirty s.h. if major, 18 if minor.
[c] Or 50 s.h. area in English.
[d] Math and science.

TABLE 5 FOOTNOTES (*Continued*)

Maryland

[a] Or 18 s.h. and 2 or more senior high school units.

[b] Or 18 s.h. in generally recognized college math content, plus 3 or more senior high school units.

[c] Including at least 18 s.h. in either biology, chemistry, earth science, or physics, and 6 in each of two others. A junior high school teacher may substitute 6 s.h. in physical or earth science for the physics. A senior high school teacher who has, in addition to the above requirements, 15 s.h. in another science may be assigned to teach that science.

[d] Including 18 s.h. in history (6 in U.S. history), 6 in economics, and one course each in sociology, political science, and geography.

[e] Including 6 s.h. in U.S. history.

Michigan

[a] The s.h. listed are for majors (BR) and minors (MR). Michigan teachers may teach full time in minor fields.

Minnesota

[a] College minors must be upgraded to majors within seven years for continued teaching in the subject or field.

Missouri

[a] Or 24 s.h. and 2 or more high school units. The requirement is for K-12.

[b] Thirty s.h. in science, including 20 in the subject.

[c] Twenty s.h in any biological science, plus 10 in other science; the applicant may then teach biology, zoology, or botany.

[d] Assigned by superintendent.

Montana

[a] Ten s.h. in the subject, plus certificate endorsement in either science or physical science; *or* certificate endorsement in the subject, which is based on completion of a college approved teaching major or minor (minimum 20 s.h.).

[b] Ten s.h. in the subject, plus certificate endorsement in science; *or* certificate endorsement in biology or biological science.

New Hampshire

[a] Persons not prepared in a program approved by the New Hampshire State Board of Education, or experienced educators who wish employment in an area for which they are not certificated, may be issued a provisional conversion license, renewable annually on prescribed growth toward standard certification.

New Jersey

[a] Social studies certification only. Applicants with individual social science specialties receive a temporary certificate.

New Mexico

[a] Twenty-four s.h. in language arts, including 19 in English.

[b] Twenty-four s.h. in science, 12 in the specific subject.

[c] Including biology and physical science.

[d] Twenty-four s.h. in social science, including 10 in the specific subject.

[e] Twenty-four s.h. in social science, including 10 in government.

[f] In social science.

New York

[a] Thirty-six s.h. in science, including 15 in the specific subject.

[b] All certificates issued for specific sciences are valid for general science if preparation included at least two science areas (biology, chemistry, physics, earth science).

North Carolina

[a] Requirements are stated in terms of percentage of degree program.

[b] Science certificate includes work in all areas.

[c] History and social science.

North Dakota

[a] Majors and minors are listed on the certificate.

Ohio

[a] Twenty s.h. for French or Latin.

[b] Comprehensive science.

[c] Social psychology.

Oklahoma

[a] Science certification.

[b] Social studies certification.

Oregon

[a] Integrated science.

Rhode Island

[a] May include up to 3 s.h. of speech.

[b] Must include at least 18 s.h. in the specific area; remaining 6 may be in math or other sciences.

[c] Must include at least 6 s.h. each of biology, chemistry, and physics; remaining 6 in math or science.

[d] Must include at least 18 s.h. in history.

South Dakota

[a] Twenty-one s.h. in science, at least 12 in the subject taught.

[b] At least 8 s.h. in the subject taught.

Tennessee

[a] Or 18 s.h. and 2 high school units.

[b] Must include three areas.

[c] Must include both biology and physical science.

[d] Must include 12 s.h. of history and 6 each of sociology, geography, economics, and government.

Texas

[a] Field of concentration, 48 s.h., or 24 in each of two fields.

[b] The composite science and general science fields must have at least 3-6 s.h. in chemistry, physics, earth science, and biology.

[c] Must include at least 3-6 s.h. in government, economics, geography, sociology, and history.

Vermont

[a] Guidelines recommend that all professional certificates must carry one or more endorsements indicating the subject, specialty, instructional level, or range. Applicants shall possess the following academic qualifications or equivalent: (a) In departmentalized schools—an academic concentration or major directly related to the teaching field and taken at an accredited college; at least 15 s.h. in any subject to be taught, even as a minor assignment. (b) In nondepartmentalized schools—75 s.h. of general education distributed with reasonable balance through at least four academic areas.

Virginia

[a] Modern language, 30 s.h.; Latin, 24.

[b] Teachers of eighth- and ninth-grade arithmetic, consumer mathematics, and basic mathematics only.

[c] Applicants with a major in astronomy or endorsement in biology, chemistry, or math may be endorsed for physics teaching with 16 s.h., 8 of which must be in courses above introductory level which use calculus.

[d] Must include at least three of the science fields.

[e] Including history, 18; government, 12; geography, 6; and economics, 6.

Washington

[a] Washington issues initial provisional teaching certificates valid for teaching K-9, K-12, or 7-12. Beginning teacher assignments are limited to levels and subjects recommended by the approved institution.

1971 Guidelines and Standards now provide alternate, concurrent standards, including certificate endorsements: "Initial and continuing certificates will be endorsed to indicate grade level(s), content area(s), and/or specialization(s) for which the professional is or has been prepared."

West Virginia

[a] BR—minimums for grades 7-12 certification; MR—minimums for grades 7-9 certification.

TABLE 5 FOOTNOTES (*Continued*)

[b] A comprehensive field of 50 s.h., including English, speech, and journalism, is the minimum requirement for persons qualifying in a single area of specialization.

[c] Teachers of chemistry, physics, and biology are also prepared to teach general science. Every science teacher must have a foundation of 8 s.h. each in chemistry, physics, and biology.

[d] Must include 24 s.h. of history and 6 each in government, sociology, and geography.

Wisconsin

[a] Including chemistry, physics, biology, and earth science, with a minor of 22 s.h. in one of these subjects and one full-year course of at least 8 s.h. in each of the other three; electives, 8. A minimum of 6 s.h. of mathematics is prerequisite. Science teachers must complete the legislative requirement of instruction in conservation of natural resources.

[b] Twenty-two s.h. in chemistry and physics, with at least 8 s.h. in each.

[c] *Plan I*—8 s.h. each in two subjects chosen from biology, chemistry, and physics, and 4 in the third subject; electives, 5. *Plan II*—22 s.h minor in either biology, chemistry, or physics; 8 s.h. in one of the other two subjects, and 4 in the remaining subjects.

[d] Thirty-four s.h. in one subject and 20 distributed among at least two others; *or* 22 s.h. in one subject and 32 distributed among at least three others. Social studies teachers must complete the legislative requirements of instruction in conservation of natural resources and in consumer cooperatives/cooperative marketing.

[e] Economics teachers must complete the legislative requirement of instruction in consumer cooperatives/cooperative marketing.

Wyoming

[a] BR applies to the field, MR to a specific subject.

TABLE 6.—BASIC AND MINIMUM REQUIREMENTS FOR

State	Art		Music		Speech Arts		Agriculture		Commerce		Home Economics		Industrial Arts		Journalism	
	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR
1	2		3		4		5		6		7		8		9	
Alabama	24	18	24	18	24	18	50	18	33[a]	18	45	18	24	18	24	18
Alaska	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Arizona	30	24	30	24	30	24	30	24	30	24	30	24	30	20	30	24
Arkansas	24	24	24	24	—	—	66[a]	66	21	21	66[b]	66	24	24	24	24
California[a]	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Colorado	M	20	M	20	M	20[a]	M	20	M	20[a]	M	20	M	20	M[b]	5
Connecticut	35	—	35	—	—	—	35	—	30	—	35	—	35	—	—	—
Delaware	40[a]	40	40[b]	40	36[c]	24[d]	30	30	42[e]	42	38[a]	38	30[a]	30	—	—
District	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30	30
Florida	30	—	30	—	18[a]	—	M	—	30	—	36	—	30	—	12[b]	—
Georgia	30	6	45	6	27	6	30	6	27	6	30	6	30	6	30	6
Hawaii	M	M	M	M	M	M	46[a]	24	M	M	45[a]	24	M	M	M	M
Idaho	30	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20
Illinois*	20	20	20	20	24[a]	24[a]	24	24	20	20	24	24	24	24	24[a]	24[a]
Indiana	40	24	40	24	40	24	40	24	40	24	40	24	40	24	40	24
Iowa*[a]	30	20	30	20	30[b]	20	30[c]	20	30[d]	20	30[e]	20	30	20	30[b]	20
Kansas*[a]	24[b]	—	24[c]	—	15	—	24[d]	—	24/6	—	24[d]	—	24/6	—	12	—
Kentucky[a]	48/30[b]	21	48/30[c]	21	30	21	50/30[d]	21	48/30[e]	21	48/30[f]	21	48[g]	30	30	21
Louisiana	30	30	62	62	18	18	50	50	36	36	42	42	36	36	12	12
Maine*	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	—	—
Maryland	30	30	30	30	24	24	45	45	36[a]	36[a]	36	36	36	36	24	24
Massachusetts	18	—	18	—	18	—	—	—	18	—	18	—	18	—	—	—
Michigan[a]	36	24	36	24	30	20	36	24	30	20	30	20	36	24	30	20
Minnesota[a]	M	m	M	m	M	m	VR	m	M	m	VR	m	M	m	M	m
Mississippi	24	18	30	24	27	21	36	24	—	—	30	30	30	24	24	18
Missouri	30	30	40[a]	40[a]	30	30	30	30	30	30	30	30	30	30	15	15
Montana	30	20	30	20	10[a]	10[a]	30	20	30	20	30	20	30	20	30[b]	20[b]
Nebraska	30	12	30	12	30	12	40	24	30	18	36	18	36	18	30	12
Nevada	M	[illegible]	M	—	M	—	M	—	M	—	M	—	M	—	M	—
New Hampshire[a]	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
New Jersey	30	—	30	—	24	—	AC	—	30[a]	—	30	—	30	—	—	—
New Mexico	24	24	24	24	24[a]	24	24	24	—	—	24	24	24	24	24[a]	24
New York	36	36	36	36	36	36	36	36	36	36	36	36	36	36	—	—
North Carolina[a]	30%	—	40%	—	—	—	40%	—	30%	—	40%	—	35%	—	—	—
North Dakota*[a]	M	16	M	16	M	5	M	M	M	16	M	M	M	16	M	5
Ohio	—	30	—	30	—	30	—	20	—	45[a]	—	30	—	30	—	20
Oklahoma	36	18	46[a]	18	24	18	24	18	30	18	26	18	30	18	24	18
Oregon	24	—	40	—	28[a]	—	47	—	32	—	24[b]	—	30	—	28	—
Pennsylvania	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
Rhode Island	36	—	36	—	18	—	36	—	36	—	36	—	36	—	—	—
South Carolina	24	24	30	30	18	18	60	60	39	39	42	42	24	24	—	—
South Dakota	15	—	18	—	5	—	16	—	18[a]	—	18	—	18	—	5	—
Tennessee	24[a]	24	36[a,b]	36	14	14	VR[c]	—	18[d]	18	VR[c]	—	30[e]	30	—	—
Texas[a]	24[b]	48	48	48	24[c]	48	48[d]	48	24	48[e]	48[f]	48	48	48	24	24
Utah	42	15	42	15	27	15	42	42	42	15	42	42	42	42	27	15
Vermont[a]	M	15	M	15	M	15	M	15	M	15	M	15	M	15	M	15
Virginia	30[a]	30	36	36	12	12	B[b]	—	45[c]	12[d]	45[e]	45	30	30	12	12
Washington*[a]	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
West Virginia[a]	40[b]	30	47[b]	24	24	24	45	—	47	24	40	24	56	28	21	—
Wisconsin	34	34	34	34	22	22	34[a]	34	34[b]	34	34	34	34	34	22	22
Wyoming[a]	24	18	36	30	30	18	53	—	30	24	36	—	24	18	30	12

TABLE 6 FOOTNOTES

LEGEND: *BR* means the basic requirement for teaching a subject full time, for a major fraction of the school day, or in the highest classification of schools. *MR* means the minimum requirement for teaching a subject part time, for a minor fraction of the school day, or in the lowest classification of schools. — means not reported. *AC* means approved curriculum. *B* means a bachelor's degree. *Exp.* means experience. *M* means a major; *m* means a minor. *VR* means vocational requirement. *C* means a regular teaching certificate. *R* means institutional recommendation.

† Mentally, physically, socially, and/or educationally handicapped.

* The high school certificate is of the blanket type for academic fields and, in some instances, for special fields; authorized teaching fields are not endorsed on the certificate. Where requirements for teaching are listed, these are enforced by the employing school officer or by accrediting regulations.

Alabama

[a] Business education, 30; distributive education, 33; secretarial education, 30.

[b] B in special education and prescribed courses in the area of endorsement (mental retardation, physical disability, multiple disabilities, partially seeing, blind, blind and partially seeing, speech pathology and audiology, deaf and severe hearing disabilities, learning disabilities, behavioral disorders).

Alaska

[a] Special education fields are endorsed as additional specializations on regular teaching certificates.

Arkansas

[a] Vocational agriculture, 75.

[b] Vocational home economics, 72.

[c] For teachers of mentally retarded or physically handicapped, regular elementary or secondary certificate and prescribed courses in the specialization.

[d] Valid six-year teaching certificate.

California

[a] BR—upper division, 24; MR—upper division, 18 or 9.

[b] There are two types of credentials authorizing teaching in special education areas (deaf and severely hard-of-hearing, mentally retarded, orthopedically handicapped, speech and hearing handicapped, visually handicapped): (a) restricted credentials, limited to teaching the specialized area at all grade levels, and (b) standard teaching credentials (early childhood, elementary, or secondary) with special education preparation in lieu of a minor. BR is 22 s.h. plus student teaching.

Colorado

[a] Including 5 s.h. in the specific subject taught.

[b] Major in English.

[c] Major in physical education.

[d] Twenty s.h. in physical education, including 5 in the specific subject taught.

AUTHORIZATION TO TEACH A SPECIAL FIELD OR SUBJECT

Library Science		Physical Education		Health Education		School Recreation		Athletic Coaching		Special Education†		Adult Education		State
BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	BR	MR	
10		11		12		13		14		15		16		17
24	18	24	18	24	18	24	18	—	—	B[b]	—	—	—	Alabama
AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC[a]	AC[a]	AC	AC	Alaska
18	—	30	20	—	—	—	—	—	—	30	18	B	Exp.	Arizona
18	18	21	21	17	17	C[c]	C	C[c]	C	24	24	C[d]	C	Arkansas
AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC[b]	AC[b]	AC	AC	California
M	12	M	20	M[c]	20[d]	M[c]	20[d]	M[c]	20[d]	M	20	—	—	Colorado
18[a]	—	35	—	35	—	—	—	—	—	12[b]	—	—[c]	—	Connecticut
30[b]	—	40[a]	40	—	—	—	—	—	—	B[f]	—	B[g]	—	Delaware
30	30	36	30	—	—	—	—	—	—	18	18	—[a]	—	District
24	—	24	—	18	—	—	—	—	—	M[c]	—	—[d]	—	Florida
24	6	27	6	27	—	—	—	—	—	27[a]	6	15	6	Georgia
M	M	M	M	M	M	M	M	M	M	M	M	M	M	Hawaii
30	20	30	20	30	20	—	—	—	—	30	9	—	—	Idaho
16	16	20	20	—	—	—	—	—	—	—	—	—[b]	—	Illinois
40	24	40	24	40	24	40	24	—	—	40	24	—	—	Indiana
30	20	30	20	—	—	—	—	—	—	30	20	—	—	Iowa
24 15	—	24	—	18[e]	—	—	—	—	—	C[f]	—	C[g]	—	Kansas
30	21	30	—	30	21	—	—	—	—	30	21	—	—	Kentucky
18	18	33	33	—	—	—	—	—	—	16/39[a]	16/39[a]	C[b]	C[b]	Louisiana
AC	AC	AC	AC	AC	AC	—	—	—	—	AC	AC	—	—	Maine
30	30	30	30	30	30	—	—	—	—	18[b]	18[b]	—	—	Maryland
—	—	18	—	18	—	—	—	—	—	30	—	—	—	Massachusetts
30	20	30	20	30	20	30	20	30	20	24	24	—	—	Michigan
—	m	M	m	M[b]	m	M	m	—	m	M[c]	m[c]	—	—	Minnesota
24	15	30	24	30	24	—	—	—	—	18	18	6	6	Mississippi
18	18	30[b]	30[b]	30[b]	30[b]	—	—	—	—	30	30	—	—	Missouri
30	20	30	20	—	—	—	—	—	—	30	30	30	20	Montana
24	—	30	12	18	12	—	—	12[a]	—	30	—	—	—	Nebraska
M	—	M	—	M	—	—	—	—	—	M	—	—	—	Nevada
AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	New Hampshire
30[b]	—	30[c]	—	30[c]	—	—	—	—	—	30	—	—	—	New Jersey
—	—	24	24	—	—	—	—	—	—	24	24	—	—	New Mexico
36	36	36	36	36	36	36	36	—	—	12/24[a]	12/24[a]	C[b]	—	New York
—	—	30%	—	30%	—	—	—	—	—	25%	—	—	—	North Carolina
M	16	M	16	M	16	M	16	C	C	M	M	—	—	North Dakota
—	—[b]	—	20	—	20	—	—	—	—	—	AC	—	—	Ohio
24	18	30	18	—	—	—	—	—	—	24[b]	18[b]	—	—	Oklahoma
14	—	28	—	28	—	—	—	—	—	—[c]	—	—	—	Oregon
AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	C	C	Pennsylvania
18	—	36	—	36	—	—	—	—	—	24	—	—	—	Rhode Island
24	24	24	24	18	18	—	—	—	—	30	20	—	—	South Carolina
—	—	18	—	18	—	18	—	18	—	12	8	—	—	South Dakota
18[c]	18	24[c,d]	24	—	—	—	—	—	—	12/30[h]	12/30[h]	—	—	Tennessee
18	18	24	24	24	24	—	—	—	—	—[g]	—[g]	—	—	Texas
—	—	27	15	27	15	—	—	15	15	16	16	—	—	Utah
M	15	M	15	M	15	M	15	M	15	M[b]	15	—	—	Vermont
18	18	36[f]	36	—	—	—	—	—	—	27/33[g]	27/33[g]	—	—	Virginia
R	R	R	R	R	R	R	R	R	R	R	R	—	—	Washington
21	21	51[b]	24	—	—	—	—	—	—	—	—	64[e]	—	West Virginia
22	22	34	34	22	22	—	—	—	—	36	36[e]	—	—	Wisconsin
24	—	24	18	24	18	—	—	24[b]	5[b]	—[e]	15[e]	—	—	Wyoming

Connecticut

[a] Eighteen s.h. in library science and 17 in "broad cultural" fields for the provisional certificate; 30 s.h. in library science for the standard certificate.

[b] Same basic preparation as for regular elementary or secondary teaching certificate, and at least 12 additional s.h. in the specialized area.

[c] Requirements depend on the subject area.

Delaware

[a] Grades 1-12.

[b] Plus 18 s.h. in professional education, or a valid teaching certificate.

[c] A major in dramatic arts and speech, with a minimum of 36 s.h.

[d] Including one 3 s.h. course in directing if major teaching assignment is in dramatic arts and speech. Minimum of 16 s.h. if the area is taught as a minor assignment.

[e] Business education.

[f] Graduation from a program in the specialized area, or a teaching certificate at the appropriate level including or plus specialized preparation (mentally retarded, partially sighted, emotionally maladjusted, orthopedically handicapped).

[g] For adult basic education; B or three years of experience in a special field for general adult education.

District of Columbia

[a] Standards being developed.

Florida

[a] With 12 s.h. in English.

[b] With certification in English, 6.

[c] For certification in exceptional child education, bachelor's degree with a major in exceptional child education, including work in the area of specialization; *or* semester hours as follows: mental retardation, 32; emotionally disturbed, 32; learning disabilities, 32; and in addition to certification in another field or subject—motor disabilities, 15, hearing disabilities, 24, visual disabilities, 18, speech correction, 27, varying exceptionalities, 18.

[d] High school graduation and 48 months of work experience, or institutional training and 24 months of experience.

Georgia

[a] AC for visually impaired, speech correction, behavior disorders.

Hawaii

[a] Plus a course in teaching the subject.

Illinois

[a] If English major or minor, 8 s.h.

[b] Section 21-11, General Certificate. "The State Teacher Certification Board may issue a general certificate for part-time teachers of junior college and adult education subjects. Such certificate shall be for not more than eight clock hours per week and the subject named on the certificate. The requirement is proof that the applicant is a recognized specialist in his occupational field and that the employing board makes the request."

TABLE 6 FOOTNOTES (*Continued*)

Iowa

[a] Iowa actually issues two authorizations: a general certificate and an approval statement. Special certificates with the subject or service area endorsed thereon are available in the following areas: art, industrial arts, education [illegible] exceptional children, music, physical education, and librarianship. These certificates require at least 30 s.h. of preparation in the endorsed area, with methods and student teaching at both the elementary and secondary levels in the special area. With a minor of at least 20 s.h. in the special area the holder may teach at the level of basic endorsement——elementary or secondary.

[b] The requirement is 12 s.h. when the applicant has approval in English.

[c] Nonvocational.

[d] Bookkeeping—30 s.h. major or 20 s.h. minor, or 24 in business education, with 12 in bookkeeping. Business law—24 in business education, with 12 in business law. Business training—24 in business education. Shorthand or typewriting—24 in business education including advanced college preparation in the subject.

Kansas

[a] BR: where two numbers are given, the first is in the field, the second in the subject taught.

[b] Effective 1974, 36 s.h.

[c] In secondary schools, 24 s.h. to teach vocal music, plus 24 to teach instrumental music.

[d] The vocational requirement is higher.

[e] Effective in 1974.

[f] A regular teaching certificate plus specialized preparation.

[g] To teach adult credit courses, a valid secondary certificate and subject and field qualifications are required.

Kentucky

[a] Specialization requirements for certification may be completed under one of two options (see below) in accordance with these definitions: *Area of concentration*—concentration usually 48 s.h., in accordance with an approved plan designed to ensure well-rounded specialization in the area. *Major*—minimum of 30 s.h. in accordance with scope and sequence appropriate for the subject. *Minor*—minimum of 21 s.h. in accordance with scope and sequence.

Specialization Option 1, an area of concentration. *Specialization Option 2*, one teaching major selected from a list of recognized subjects.

Where two numbers are listed, the first is for the area of concentration, the second for the major. Single numbers refer to majors only.

[b] Area in art: 48 s.h. distributed among drawing and painting, design, sculpture and ceramics, history and appreciation of art, and methods.

[c] Area in music: minimum of 48 s.h., including applied music, music theory, conducting, musicology, methods, and electives. Each institution plans its own course distribution.

[d] Area in agriculture: completion of vocational agriculture curriculum which includes a minimum of 50 s.h.

[e] Area in commerce (business education): 48 distributed among business education subjects, with a degree of specialization in one. Distributive education, 30.

[f] Area in home economics: completion of vocational home economics curriculum which includes 48 s.h.

[g] Area in industrial arts: 48 distributed among general shop, woods, metals, graphic arts, drafting, crafts, electricity and power, and transportation. Vocational industrial and technical education, 48.

Louisiana

[a] Regular teaching certificate with specific preparation depending on the specialized area: blind, 21; partially seeing, 16; crippled or special health problems, 18; mentally retarded, 18; socially maladjusted and emotionally disturbed, 18; deaf, 26; hard-of-hearing, 26; speech defective and hard-of-hearing, 39.

[b] Teachers in adult education usually are regularly certified teachers.

Maryland

[a] Business education

[b] Also qualify for a regular teaching certificate; or 30 s.h. in special education.

Michigan

[a] The s.h. listed are for majors (BR) and minors (MR). Michigan teachers may teach full time in minor fields.

Minnesota

[a] College minors must be upgraded to majors within seven years for continued teaching in the subject or field.

[b] Health and physical education.

[c] *Visually handicapped:* valid elementary or secondary certificate and completion of approved program of 30 q.h., including at least 20 graduate. *Hearing impaired*: approved program and institutional recommendation. *Retarded*: approved program and institutional recommendation. *Crippled*: education major and approved minor and practice teaching of crippled children. *Speech correction*: major in speech pathology. *Special learning disabilities*: valid elementary or secondary certificate and completion of an approved program of 30 q.h.

Missouri

[a] Instrumental and vocal, grades K-12; 36 for one area.

[b] Health and physical education.

Montana

[a] Ten s.h. in speech, plus certificate endorsement in English; or certificate endorsement in speech.

[b] Or endorsement in English and two or more courses in journalism.

Nebraska

[a] Second endorsement only.

New Hampshire

[a] Persons not prepared in a program approved by the New Hampshire State Board of Education, or experienced educators who wish employment in an area for which they are not certificated, may be issued a provisional conversion license, renewable annually on prescribed growth toward standard certification.

New Jersey

[a] Twenty-four s.h. in accounting, general business, or secretarial studies; 30 in comprehensive business.

[b] School librarian, 30; teacher-librarian, 18 and standard teaching certificate.

[c] Or health and physical education, 30.

New Mexico

[a] Or 24 s.h. in language arts, including 10 in the specific subject.

New York

[a] Mentally handicapped, 12 s.h., issued as an extension to the elementary teaching certificate, which is prerequisite. Requirements for physically handicapped range from 12-24 s.h., depending on the specialty, and certification is issued as an extension to any valid teaching certificate.

[b] Regular teaching certificate or sufficient training and experience and recommendation of the local superintendent.

North Carolina

[a] Requirements are stated in terms of percentage of degree program.

North Dakota

[a] Majors and minors are listed on the certificate.

Ohio

[a] Business education.

[b] Thirty s.h. for educational media specialist certificate.

Oklahoma

[a] Combined instrumental and vocal; for one area, 40 s.h.

[b] Speech correction, slow learners, sight conservation, or physically handicapped, 24 s.h.; deaf and hard-of-hearing, 18; learning disabilities or emotionally disturbed, 24 and two years of teaching experience.

Oregon

[a] Speech and drama each require 28 s.h.

[b] Vocational requirement, 32.

[c] Deaf—degree program or eligibility for certificate A issued by Council on Education of the Deaf: extreme learning problems—28; mentally retarded—18; physically handicapped—24; visually handicapped—18; speech correction—30.

South Dakota

[a] Distributive education, 12.

TABLE 6 FOOTNOTES (*Continued*)

Tennessee

[a] Valid for grades 1-12.
[b] Public school music endorsement. Instrumental music, 42.
[c] Program approved by State Board for Vocational Education.
[d] Must include 12 s.h. distributed among introduction to business, accounting, typewriting, business law, economics; and business mathematics. Also, provision for endorsement in individual areas.
[e] Must be distributed with not more than 10 s.h. in one area to apply on the minimum.
[f] Endorsement for teacher-librarian, 12.
[g] Including health, 12, physical education, 12.
[h] Depending on the specialty.

Texas

[a] Field of concentration, 48 s.h., or 24 in each of two fields.
[b] Art is considered a secondary field. For all-level endorsement, 48 s.h., covering all areas in art education.
[c] Speech is considered a secondary field. For all-level speech-drama endorsement, 48 in the major areas in speech and drama.
[d] For vocational agriculture, 54.
[e] Commerce (business education) is considered a secondary field and requires 24 s.h. for secretarial science. The composite field covering all areas of business education is 48 s.h.
[f] Vocational home economics, 45.
[g] *Physically or mentally handicapped*—12, and completion of elementary or secondary content courses. *Deficient vision*—15 s.h., and completion of elementary or secondary content courses. *Deaf or severely hard-of-hearing*—21 s.h.; and elementary content courses, 9, professional education, 12. *Speech and hearing therapy*—30 s.h.; professional education, 12. *Language and/or learning disabilities*—24 s.h. *Emotionally disturbed*—15 s.h.; and completion of elementary or secondary content courses and professional education, 12.

Vermont

[a] Guidelines recommend that all professional certificates must carry one or more endorsements indicating the subject, specialty, instructional level, or range. Applicants shall possess the following academic qualifications or equivalent: (a) In departmentalized schools—an academic concentration or major directly related to the teaching field and taken at an accredited college; at least 15 s.h. in any subject to be taught, even as a minor assignment. (b) In nondepartmentalized schools—75 s.h. of general education distributed with reasonable balance through at least four academic areas.
[b] Regularly certified teachers with 6 s.h. in special education may be certified for special education classes.

Virginia

[a] Must include design, drawing, painting, and graphics, 12; sculpture, 6; ceramics and crafts, 6; history and appreciation, 6.
[b] Approved curriculum resulting in bachelor of science in agriculture degree; sound background of agricultural experience; preferably farm-reared.
[c] An applicant may qualify for endorsement to teach general office procedures, stenography, or bookkeeping-data processing with 45 s.h. in the particular area.
[d] For subject endorsement in bookkeeping and accounting, basic business, data processing, or office systems and procedures. Shorthand and typewriting endorsement, 15 s.h.
[e] Applicant must qualify for the Collegiate Professional Certificate by completing approved curriculum leading to the bachelor's degree. Subject content; 9 s.h. each in family and child development; housing, home furnishing and equipment; foods and nutrition; clothing and textiles; family economics and home management.
[f] Health and physical education.
[g] Retarded, 27; crippling conditions, 27; emotionally disturbed, 30; learning disabled, 27; speech or hearing handicapped, 33; visually handicapped, 30.

Washington

[a] Washington issues initial provisional teaching certificates valid for teaching K-9, K-12, or 7-12. Beginning teacher assignments are limited to levels and subjects recommended by the approved institution.

1971 Guidelines and Standards now provide alternate, concurrent standards, including certificate endorsements: "Initial and continuing certificates will be endorsed to indicate grade level(s), content area(s), and/or *specialization(s)* for which the professional is or has been prepared."

West Virginia

[a] Endorsements in a single subject are given for the following fields if specified requirements are met: agriculture, art, home economics, industrial arts, music, and health, physical education, and safety. The teacher of a special subject would find it difficult to secure a satisfactory position without holding a special certificate.
[b] Valid for grades 1-12.
[c] Sixty-four s.h. of college work.

Wisconsin

[a] Agriculture teachers must complete the legislative requirement of instruction in consumer cooperatives/cooperative marketing.
[b] Business education.
[c] In addition to the bachelor's degree.
[d] Six s.h. within the bachelor's degree, 9 beyond.

Wyoming

[a] BR applies to the field, MR to a specific subject.
[b] Physical education major or 5 s.h. in the sport.
[c] Approved program or a minimum of 15 s.h. with some other general certification and endorsement.

TABLE 7.—GENERAL REQUIREMENTS FOR TEACHING CERTIFICATES

State	U.S. Citizenship	Oath of Allegiance	Evidence of Employment	Recommendation (College or Employer)	Minimum Age	Fee	General Health Cert.	Chest X-Ray	Special Course	National Teacher Examinations
1	2	3	4	5	6	7	8	9	10	11
Alabama	—	—	—	X	17	$2	—	X	—	—
Alaska[a]	—	—	—	—	18	$10	—	—	—	—
Arizona	—	X	—	X[b]	18	$5-8[c]	—	X	X[d]	—
Arkansas	—	—	—	X	18	None	X	X	—	—
California	—	X[e]	—[f]	X	18	$20	X	—	—	—
Colorado	—	—	—	X	—	$5	—	—	—	—
Connecticut	X	—	—	X	18	None	—	—	X[g]	—
Delaware	—	—[h]	—	—	—	$10[i]	—[h]	X	—	—
Dist. of Col.	X	—	—	X	—	None	X	X	—	—
Florida	X	X	—[j]	—	20	$12	X	—	—	—
Georgia	—	—	—	X[k]	—	None	—	—	—	—
Hawaii	—	—	—	—	—	None	—	—	—	—
Idaho	X[l]	—	—	X	18	$10	—	—	—	—
Illinois	X	X	—	X[m]	19	$13	—	—	X[n]	—
Indiana	—	X	—	X[m]	—	$5	X	—	—	—
Iowa	—	—	—	X	18	$15	—	—	X[o]	—
Kansas	—	—	—	X	—	$5	—	—	—	—
Kentucky	—	—	—	X	18	None	—[p]	—	—	—
Louisiana	—	—	—	X	—	None	—	—	X[q]	—
Maine	—	—	—	X	17	None	—	—	—	—
Maryland	X	—	X	X	18	$10[r]	X	X	—	—
Massachusetts	X[s]	—	—	—	—	None	X	—	—	—
Michigan	X[t]	X	—	X	18	None	—	—	—	—
Minnesota	—	—	—	X	—	$5	—	—	—	—
Mississippi	X	—	—	X	18	None	X	—	—	X
Missouri	—	—	—	X	—	None	—	—	—	—
Montana	X[u]	—	—	X	18	$2[v]	X	X[w]	—	—
Nebraska	X[x]	—	—	X	—	$8[y]	—	—	—	—
Nevada	X[l]	X	—	X	18	$3	X	X[w]	X[z]	—
New Hampshire	—	X	—	X	—	$10	—	—	—	—
New Jersey	X	X	—	X	18	$20[aa]	—	—	—	—
New Mexico	—	—	—	X	18	None	X	X	—	—
New York	X[bb]	—	—	—	18	$5	—	—	—	—
North Carolina	—	—	—	X	18	None	—[h]	—	—	X
North Dakota	X	X	—	X	18	$5	—	—	—	—
Ohio	—	—	—	X	—	$2	—	—	—	—
Oklahoma	X	—	—[cc]	X	—	$1	X	—	X[dd]	—
Oregon	—	—	—	X	18	$15	—	X	—	—
Pennsylvania	X	X	—	X	18	None	X	X[ee]	—	—
Rhode Island	X	—	—	X	19	None	X	—	—	—
South Carolina	X	—	—	X	18	None	X	—	—	X
South Dakota	X	X	—	X	18	$10	—	—	—	—
Tennessee	—	—	—	X	18	$2	—	—	—	—
Texas	X	—	—	X	18	$2-3[ff]	—	X	X[gg]	—
Utah	—	—	—	X	—	$2	—	—	—	—
Vermont	—	X	X	X	19	$3-10[hh]	—	—	—	—
Virginia	X	—	—	X	18	None	—	—	—	—
Washington	X	—	—	X	18	$1	—	X	X[ii]	—
West Virginia	X	—	—	X	18	None	—	—[ee]	—	—
Wisconsin	—	—	—	X	—	$5	X[jj]	—	X[kk]	—
Wyoming	X[l]	—	—	—	—	$15[ll]	X	—	X[mm]	—

TABLE 8.—STATES THAT PARTICIPATE IN RECIPROCAL TEACHER CERTIFICATION

State	Reciprocity System			
	Interstate Certification Project	NCATE	NASDTEC	Northeastern States Compact (Elementary Teachers)
1	2	3	4	5
Alabama		X		
Alaska	X		X	
Arizona		X		
Arkansas		X		
California	X			
Colorado		X	X	
Connecticut	X			X[a]
Delaware	X	X	X	X
District of Col.			X	
Florida	X	X		
Georgia		X		
Hawaii	X			
Idaho	X			
Illinois		X		
Indiana	X	X	X	
Iowa	X	X		
Kansas			X	
Kentucky	X	X	X	
Louisiana				
Maine	X	X		X
Maryland	X	X	X	X[b]
Massachusetts	X	X		X
Michigan				
Minnesota	X	X	X	
Mississippi		X		
Missouri		X		
Montana				
Nebraska	X	X	X	
Nevada				
New Hampshire	X			X
New Jersey	X		X	X
New Mexico			X	
New York	X			(X)[c]
North Carolina	X	X	X	
North Dakota		X		
Ohio	X		X	
Oklahoma	X	X[d]	X	
Oregon		X		
Pennsylvania	X	X	X	(X)[c]
Rhode Island	X	X		(X)[c]
South Carolina	X			
South Dakota	X	X	X	
Tennessee		X		
Texas		X		
Utah	X	X	X	
Vermont	X	X	X	(X)[c]
Virginia	X		X	
Washington	X	X	X	
West Virginia	X	X		
Wisconsin	X		X	
Wyoming				
TOTALS	31	31	22	(11)

TABLE 9.—POWERS AND RESPONSIBILITIES OF STATE TEACHER STANDARDS AND PRACTICES COMMISSIONS OR BOARDS

State	Establish Criteria for:						Adopt Own Rules, Regulations, Procedures	Hold Hearings	Subpoena Witnesses	Warn, Reprimand Professionals	Suspend, Revoke, Reinstate Certificates	Conduct Studies
	Certification, Preparation	Teacher Education Accreditation	Performance, Competency	Teacher Contracts	Continuation in Profession	Ethical Conduct						
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama												
Alaska	X				X	X	X	X	X	X	R	X
Arizona					X	X		X			X[a]	X
Arkansas												
California	X	X	X[b]		X[b]	X	X[c]	X	X[d]	X[b]	X	X
Colorado						X	X	X	X	X	R	X
Connecticut	R										R	
Delaware												
District of Col.												
Florida	X		X		X	X	X	X	X	X	R	
Georgia			X			X	X	X	X		R[e]	X
Hawaii												
Idaho			X			X	X	X	X	X	R	X
Illinois												
Indiana	X	X			X		X	X	X	X	X	X
Iowa			X	X	X	X	X	X				X
Kansas	R				R	R	R	X	X	R	R	X
Kentucky						X	X	X	X	X		X
Louisiana												
Maine	X	X			X			X				X
Maryland	X	X					X	X				X
Massachusetts	R	R										X
Michigan												
Minnesota						X	X	X	X	X	R	
Mississippi												
Missouri												
Montana												
Nebraska			R		R	R	X	X	X	X	R	X
Nevada												
New Hampshire	X		X		X		X	X		X	R	X
New Jersey												
New Mexico												
New York												
North Carolina												
North Dakota	X					X	X	X	X	X	R	X
Ohio												
Oklahoma	R	R					X	X	X	X	R	X
Oregon	X	X	X	R	X	R	X	X	X	X	X	X
Pennsylvania	R	R			R		X	X	X			X
Rhode Island												
South Carolina												
South Dakota						X	X	X	X	X		X
Tennessee												
Texas						X	X	X				
Utah				R	X	X	X	X	X	X	R	X
Vermont												
Virginia												
Washington												
West Virginia												
Wisconsin												
Wyoming												

TABLE 7 FOOTNOTES

[a] Other requirements apply to employment but not to certification.
[b] In-state applicants.
[c] Five dollars for in-state applicants.
[d] Arizona and U.S. Constitutions.
[e] Prior oath was declared unconstitutional and a new oath became effective January 5, 1973.
[f] For some credentials.
[g] U.S. history (or acceptable equivalent).
[h] For state employment, not certification.
[i] For out-of-state applicants.
[j] For part-time or other position where certification cannot be obtained and teacher is needed on emergency basis.
[k] For professional certification.
[l] Or declaration of intent.
[m] In-state graduates.
[n] American history and/or government
[o] American history or American government.
[p] Medical examination required for student teaching and for employment.
[q] American history, biological and physical science; Louisiana history for elementary teachers only.
[r] Applicants not graduated from Maryland approved programs or not previously employed in Maryland.
[s] A noncitizen may obtain a temporary certificate, valid for six years, to teach his native language provided he meets all other certification requirements and presents a certified copy of his declaration of intention to become a citizen and a school committee requests it.
[t] For permanent or continuing certification only.
[u] Provisional certification may be granted to a noncitizen if requested by the employing district.
[v] A registration fee of $2 is charged for initial certification and $2 for each year of validity.
[w] Or Mantoux test.
[x] Provisional certificates may be issued to exchange students or other qualified aliens if there is a demonstrated need for their services.
[y] Two dollars for nonpublic school certification.
[z] Nevada school law and Constitution and U.S. Constitution (by credit or examination).
[aa] First instructional authorization, $20; each additional instructional authorization, $10; $20 per authorization for administration, supervision, or special service.
[bb] Or declaration of intent; or valid statutory reason why the applicant cannot become a citizen or declare intent.
[cc] For temporary certificate only.
[dd] Six semester hours in American history and government, and credit in Oklahoma history for social studies majors only.
[ee] Or tuberculin test
[ff] Two dollars for the provisional certificate; $3 for the professional certificate.
[gg] Texas and federal governments; one year to complete (may be satisfied by examination).
[hh] Three dollars for the probationary certificate; $5 for the standard certificate; $10 for the initial certificate.
[ii] Washington State history and government required for elementary and social studies teachers for standard certification (required within six years of initial, provisional certification).
[jj] Health certificate must be filed with the employing board of education, not with the State Department.
[kk] Cooperatives required of teachers of economics, social studies, and agriculture; conservation required of teachers of science and social studies.
[ll] Fifteen dollars for the initial certificate, $10 for the first standard certificate.
[mm] Wyoming and U.S. Constitutions.

TABLE 8 FOOTNOTES

[a] Under the Northeastern Compact, Connecticut does not accept candidates prepared in Massachusetts.
[b] Under the Northeastern Compact, Maryland will accept both elementary and secondary candidates from the other member states.
[c] Previously signatory states which for this survey did not report participation in the Northeastern Compact.
[d] Oklahoma grants certificates to NCATE graduates from the other 30 states in the system.

TABLE 9 FOOTNOTES

R = recommend.
[a] Subject to confirmation by State Board of Education.
[b] Applies to licensure only.
[c] Subject to "stay" by State Board of Education.
[d] Credentials Committee.
[e] Also, denial of certificate.

TABLE 10.—STATE LAWS/DECREES/REQUIREMENTS/ACTIVITIES IN SOME SPECIFIC AREAS INCLUDED IN THE CONCEPT OF EDUCATIONAL ACCOUNTABILITY WHICH RELATE DIRECTLY TO TEACHER EDUCATION AND CERTIFICATION

State	Performance-Based Teacher Education/Certification	Teacher Evaluation	In-Service Education	Teacher Centers
1	2	3	4	5
Alabama	State Board resolution on institutional initiation of p.-b. training	Law requires successful first year followed by use of professional improvement model with variety of instruments and evaluative criteria	State Board resolution on continuous improvement plans cooperatively developed by State Department and local school systems	Two urban, 2 rural nominations for U.S. Office of Education renewal centers Two one-year pilot intern centers, September 1973
Alaska	None	None	Ten days authorized by law for approved plan	None
Arizona	Three state universities developing p.-b. programs	By law	Considering—for recertification	Mesa, Phoenix, Tucson in planning stage Arizona Education Ass'n-NEA project
Arkansas	None	None	None	None
California	Under study	By law—Stull Bill (AB293 1971)	California Teachers Ass'n sponsoring legislative requirement Fifth-year requirement	Los Angeles-NEA project Santa Clara County—planning
Colorado	Under study	By law—1971 Accountability Act; part of staff and program evaluation phase	Part of program development phase of Accountability Act Credit allowed toward certificate renewal	Consortium of Boards of Cooperative Services, colleges and universities, and model districts—in planning stage
Connecticut	State Board proposal adopted Legislation proposed	Successful experience for continuing or advanced certification	Local function	Hartford Teacher Interaction Learning Center
Delaware	None	None	Planning revision of requirements for advanced certificate Continuing education for certificate renewal	None
Florida	Partially implemented	By law—1971 Accountability Act, Ch. 70-399	State Board resolution, 1970, for district master plans	Established by law, 1973
Georgia	P.-b. criteria for approval of teacher education programs to be revised	Legislation rejected	One school model being developed may lead to state plan	Metropolitan Atlanta Portal Schools-Atlanta Teachers College Consortium Atlanta Instructional Services Center

TABLE 10.—STATE LAWS/DECREES/REQUIREMENTS/ACTIVITIES IN SOME SPECIFIC AREAS INCLUDED IN THE CONCEPT OF EDUCATIONAL ACCOUNTABILITY WHICH RELATE DIRECTLY TO TEACHER EDUCATION AND CERTIFICATION—*(Continued)*

State	Performance-Based Teacher Education Certification	Teacher Evaluation	In-Service Education	Teacher Centers
1	2	3	4	5
Georgia (cont.)				Savannah-Armstrong State Colleges Consortium Georgia Southern College West Georgia Teacher Education Center
Hawaii	Approved-program approach to certification	For probationary teachers	Voluntary	Discussion
Idaho	Under study	None	None	Boise
Illinois	Proposed	None	None	Local district-college programs
Indiana	None	None	None	None
Iowa	None	None	Pilot project—for continuing certification	Five experimental staff development centers for certificate renewal; teacher centers planned Des Moines-NEA project
Kansas	Alternative certification methods under study	Legislation passed	Discussion—for p.-b. certificate renewal	Six U.S. Office of Education site nominations
Kentucky	Institutions may attest to competency in lieu of credit counting	None	State law KRS 156.095 defines state program Planned fifth-year program required for certificate renewal	None
Louisiana	State Department model for p.-b. teacher education	Move toward; now required for advanced certificate	Proposed for recertification	Receiving attention for recertification
Maine	In proposed professional practices legislation	In proposed professional practices legislation	In proposed professional practices legislation	Four under development Unity-NEA project
Maryland	Plan developing	By law—1972 Accountability Act (SB 166, Art. 77) includes biennial rating for certificate classification	Fifth year required for advanced professional certificate	Twenty-five for cooperating teachers, but open to all
Massachusetts	Legislation filed (H77) for continuing certification based on performance evaluation	Legislation filed (H77)	None	None

TABLE 10.—STATE LAWS/DECREES/REQUIREMENTS/ACTIVITIES IN SOME SPECIFIC AREAS INCLUDED IN THE CONCEPT OF EDUCATIONAL ACCOUNTABILITY WHICH RELATE DIRECTLY TO TEACHER EDUCATION AND CERTIFICATION—(*Continued*)

State	Performance-Based Teacher Education/Certification	Teacher Evaluation	In-Service Education	Teacher Centers
1	2	3	4	5
Michigan	Approved-program approach Model program funded for 1972-73	State Board resolution on developing a program	State Board endorsed state-aided local programs; no funds appropriated yet	Four U.S. Office of Education site nominations Various center-type activities
Minnesota	New certification regulations require specified competence and evaluation in cooperative preparation program	Under study	Allowed toward certificate renewal; five-year p.-b. recertification plan effective 1973	Part of cooperative preparation program
Mississippi	None	None	None	None
Missouri	None	None	Local requirements for salary purposes	None
Montana	None	Legislation pending	None	National Science Foundation-funded regional centers for math teachers
Nebraska	Approved-program approach	None	For certificate renewal	University of Nebraska-Lincoln Schools
Nevada	None	None	None	Expected
New Hampshire	For certificate renewal	Obliquely required via Staff Development Design (State Board regulation, 1971)	State approved local plans—Staff Development Design	U.S. Office of Education site nominations Staff Development Design Southern N.H. Staff Development Cooperative
New Jersey	Under study	Legislation introduced—for non-tenure teachers	Optional local and cooperative programs	Trenton State College
New Mexico	Under study	By law (1969 legislation) State Board resolution, 1970	Allowed toward certificate renewal Discussion on p.-b. recertification	Albuquerque-NEA project
New York	State Board plan adopted 1972 committed institutions to begin introducing p.-b. teacher education in 1973 Reading competence required of elementary teachers	None	State Board plan for alternative paths to "permanent" certification adopted 1972	Discussion: implications in state in-service plan Great Neck-NEA project

TABLE 10.—STATE LAWS/DECREES/REQUIREMENTS/ACTIVITIES IN SOME SPECIFIC AREAS INCLUDED IN THE CONCEPT OF EDUCATIONAL ACCOUNTABILITY WHICH RELATE DIRECTLY TO TEACHER EDUCATION AND CERTIFICATION—*(Continued)*

State	Performance-Based Teacher Education/Certification	Teacher Evaluation	In-Service Education	Teacher Centers
1	2	3	4	5
North Carolina	P.-b. programs adopted by State Board	By law (tenure law) for permanent certification	State approved local plans	Four U.S. Office of Education site nominations Pilots to validate competency
North Dakota	Colleges moving to modified p.-b. teacher education Legislation pending to make Professional Practices Commission advisory to State Board on certification	Legislation introduced to increase authority of Professional Practices Commission	Additional credits required for certificate renewal (administration) or accreditation (teachers)	University of North Dakota
Ohio	Experience requirements for administrative/supervisory certificates University of Toledo p.-b. program	—	Additional credits required for advanced certificate	Cleveland State University-Beechwood City Defiance College-Napolean City Defiance City Schools
Oklahoma	Approved-program approach	Local function	Local function	None
Oregon	New p.-b. teacher education regulations effective 1974	By law (SB 131, 1971)—annually in districts with ADM over 500; legislation covering all teachers to be introduced	Efforts toward state voluntary plan through professional organizations	Oregon Education Ass'n-NEA project
Pennsylvania	Approved-program approach: all programs must be p.-b.	By law—for nontenure teachers	Allowed toward required permanent certificate In-service for all is top State Department priority	None officially recognized Regional consortium—21 districts, 8 colleges Susquehanna—planning
Rhode Island	Under study	Local function	Fifth year required for professional certificate	R.I. Teacher Center Proposal
South Carolina	None	—	None	None
South Dakota	Approved-program approach State Department plan developing	By law—Professional Practices Commission responsibility	Additional credits required for certificate renewal	U.S. Office of Education site nominations Three State Department learning centers—Vermillion, Aberdeen, Spearfish
Tennessee	Under study	Some at local level 1972 legislative resolution for development of formula	By law—ten days in state approved plan	None

TABLE 10.—STATE LAWS/DECREES/REQUIREMENTS/ACTIVITIES IN SOME SPECIFIC AREAS INCLUDED IN THE CONCEPT OF EDUCATIONAL ACCOUNTABILITY WHICH RELATE DIRECTLY TO TEACHER EDUCATION AND CERTIFICATION—(*Continued*)

State	Performance-Based Teacher Education/Certification	Teacher Evaluation	In-Service Education	Teacher Centers
1	2	3	4	5
Tennessee (cont.)		Tennessee Education Ass'n requested State Board requirement for probationary teachers		
Texas	New p.-b. teacher education standards passed	Local function	By law—ten days	Required September 1973 Houston-NEA project
Utah	State approved p.-b. program at Weber State College; experimental programs elsewhere	Local function	Allowed for recertification	Teacher education consortia in planning stage in three areas of state
Vermont	Teacher education program approval is p.-b. Local Evaluation Agency component of certification regulations Paraprofessional certification	For certificate issuance and renewal	Allowed for certificate issuance and renewal in approved local program	U.S. Office of Education project Staff Development Cooperative (New England Project in Teacher Education) Local Evaluation Agencies
Virginia	1972 Standards of Quality	1972 Standards of Quality	Allowed toward certificate renewal	Fairfax County-NEA project
Washington	1971 Guidelines and Standards	By law, annually	1971 Guidelines and Standards, when fully implemented, establish in-service for all professionals	Maybe—as 1971 Guidelines and Standards are implemented
West Virginia	Under study	Local function	State and local plans P.-b. continuing education planned	Implemented through colleges and universities
Wisconsin	Approved-program approach	Required for unlimited certification	Five days required	State conference (federally funded) Ten institutions developing consortia Three districts developing centers
Wyoming	Under study	Under State Board school evaluation/accreditation program	Local function Allowed toward recertification	None

TABLE 11.—MINIMUM REQUIREMENTS IN DEGREES AND SEMESTER HOURS FOR ADMINISTRATIVE CERTIFICATES

State	Elementary School Principals	Secondary School Principals	Superintendents
1	2	3	4
Alabama	M	M	M
Alaska	M	M	M + 30
Arizona	M + 24	M + 24	M + 30
Arkansas	M	M + 15	M + 30
California	6 years[a]	6 years[a]	7 years[b]
Colorado	M + 15	M + 15	M + 30
Connecticut	M + 15	M + 15	M + 30
Delaware	M	M	M + 30, or 60
Dist. of Columbia	M[c] (NC)	M[c] (NC)	M[c] (NC)
Florida	M[d]	M[d]	NC
Georgia	M	M	M
Hawaii	M + 20	M + 20	M + 20
Idaho	M	M	M
Illinois	M	M	M + 30
Indiana	M	M	Ed.Sp.
Iowa	M	M	M + 30[e]
Kansas	M + 6	M + 6	M + 30
Kentucky	M + 15, or 45[f]	M + 15, or 45[f]	M + 30, or 60[f]
Louisiana	M	M	M
Maine	B + 6	B + 6	M
Maryland	M + 15	M + 15	M + 30
Massachusetts	B + [g]	B + [g]	B + [g]
Michigan	NC[h]	NC[h]	NC[h]
Minnesota	M[i]	M[i]	M + [j]
Mississippi	M	M	M
Missouri	M	M	Ed.Sp.[k]
Montana	M	M	M
Nebraska	M[l]	M[l]	6 years
Nevada	M	M	M + 15
New Hampshire	M	M	M + 30
New Jersey	M[m]	M[m]	M[m]
New Mexico	M	M + 15	M + 30
New York	M[n]	M[n]	M[n] + 30
North Carolina	M[o,p]	M[o,p]	M + 30
North Dakota	M[q]	M[q]	M[q]
Ohio	M	M	M + 30
Oklahoma	M + 16	M + 16	M + 30
Oregon	M + 22	M + 22	M + 30
Pennsylvania	M + 15	M + 15	M + 40[r]
Rhode Island	M[s]	M[s]	M[s]
South Carolina	M	M	M + 30
South Dakota	M[t]	M[u]	M[v]
Tennessee	M	M	M
Texas	M + 15[w]	M + 15[w]	M + 30[w]
Utah	M + 30	M + 30	M + 30
Vermont	B + 18	M	M
Virginia	M[x]	M[x]	M + 30[x] (NC)
Washington	M + 6[y]	M + 6[y]	M + 22[y]
West Virginia	M	M	Ed.Sp.
Wisconsin	M[z]	M[z]	M[z]
Wyoming	M	M	M + 15

TABLE 11 FOOTNOTES

LEGEND: *B* means completion of the bachelor's degree. *M* does not necessarily mean that completion of a master's degree is required; in some instances it may mean completion of five college years of specified preparation. *Ed.Sp.* means specialist in education (6 years). *NC* means no certificate issued.

[a] Including a master's degree in an academic area or other acceptable postgraduate degree in a nonacademic area and completion of an academic major; *or* approved two-year postbaccalaureate program.

[b] Including a master's degree in an academic area or an acceptable doctor's degree; *or* approved three-year postbaccalaureate program.

[c] A master's degree is required for the position, but D. C. does not issue administrative certificates.

[d] Master's degree, including 9 s.h. in administration, 3 in supervision, and 6 in curriculum for appropriate level; three years of teaching experience.

[e] NCATE or Iowa approved sixth-year program.

[f] Including a master's degree.

[g] Administrators must have 3 (principals) or 15 (superintendents) s.h. of graduate or undergraduate work in administration and supervision.

[h] No certificate is issued, nor are there specific requirements beyond a valid teaching certificate and employing district prerogatives.

[i] Master's degree or partial completion of a specialist's program; completion of the specialist's program is required within seven years of initial administrative certification.

[j] Master's degree plus completion of half of specialist's degree program; completion of the specialist's program is required within seven years of initial administrative certification.

[k] In an NCATE-approved program.

[l] Master's or 36 graduate s.h. toward completion of an approved sixth-year program for the standard administrative certificate.

[m] At least 24 graduate credits for principals, 30 for superintendents.

[n] Master's degree or 30 s.h. of graduate study.

[o] One certificate issued to principals in elementary and secondary schools.

[p] Optional sixth-year program.

[q] In elementary education, secondary education, and school administration for the respective positions.

[r] Doctorate or 70 s.h. including the master's degree.

[s] Master's degree or 36 graduate s.h.

[t] Bachelor's degree with elementary endorsement; master's degree in administration.

[u] Bachelor's degree with secondary endorsement; master's degree in education with 18 s.h. in administration.

[v] Master's degree in education or administration.

[w] Forty-five, 45, and 60 s.h. minimum, respectively.

[x] No separate administrative certificate is issued, but endorsement is placed on other required certificate. The master's degree is required for endorsement for all three positions. Superintendents must have 60 hours of graduate work.

[y] The provisional certificate for principals requires a standard teaching certificate (issued on the fifth year of preparation) and 16 hours in an approved graduate program in administration, supervision, and curriculum, 6 of them earned after completion of the fifth year. For the standard certificate, preparation must include the master's degree and 8 additional hours in the approved program (M + 14). The provisional certificate for superintendents must include the master's degree and the standard certificate requires an additional 8 hours (M + 30).

[z] Applicants with a master's degree in a field other than the appropriate administrative level must have completed in addition the graduate work in administration prescribed for that level (see chapter 2).

Chapter II

CERTIFICATION REQUIREMENTS FOR TEACHERS, SUPERVISORS, ADMINISTRATORS, AND SPECIAL SCHOOL SERVICE PERSONNEL

The materials in this chapter are arranged in alphabetic order by state. In each case the general requirements that apply to all certificates are given first; they are not repeated for each certificate that follows. To conserve space it has been necessary to omit minor details relating to certificate renewal and conversion and to present the requirements of some certificates in outline form. Further information may be obtained by writing to the director of certification or other administrative unit, whose name and address is given for each state.

Certain requirements and practices were found to be so common that it seemed uneconomical of space to repeat them. The following are of this type:

1. Most states set forth their course requirements in semester hours (s.h.) of credit. A few states use quarter hours (q.h.). Where the word "hours" is used alone in this *Manual*, it means semester hours. Also, figures with specific courses or areas (e.g., professional education, 30) indicate semester hours unless labeled otherwise.

2. All states require that credits and degrees presented as a basis for certification be from institutions approved by some official accrediting body. Each state sets its own standards regarding the institutions whose credits and degrees it will honor.

3. Where credit hours or experience are set forth as conditions for certificates or renewals, there is an implied responsibility for the applicant to validate the credit or experience by transcript, signed statement, or other appropriate means.

4. Practically all states expect applicants to use official state forms in applying for a certificate. It would be wise to write the state director of certification for the official application form.

5. Several states specify that fees for granting certificates must be paid by money order or cashier's check. Applicants should remit by one of these two means.

6. All requirements were in effect January 1, 1973, unless otherwise specified.

7. Statements in this chapter concerning approval or accreditation of institutions refer to state (state department of education or comparable agency), regional (one of the six regional accrediting associations), or NCATE/national (National Council for Accreditation of Teacher Education).

Alabama

State Certification Officer. John W. Hill, Coordinator of Teacher Education and Certification, State Department of Education, Montgomery, Alabama 36104.

General Requirements. Minimum age, 17. Fee, $2 for all certificates and renewals. Certificates are required of administrators, supervisors, special school service personnel, and teachers in public and private elementary and secondary schools. They must be recorded in the office of the county or city superintendent of schools. Class B certificates are issued for a term of eight years and are renewable on 8 hours of graduate or undergraduate credit or four years of use. Class A certificates are issued for ten years and are renewable on 8 graduate hours or five years of use. Class AA certificates are issued for twelve years and are renewable on 8 graduate hours or six years of use.

Credentials To Accompany Application. Statement of age, transcript on official state forms, recommendation of preparing institution or last employer, and social security number.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. CLASS A SUPERINTENDENT-PRINCIPAL PROFESSIONAL. Requirements: Eligibility for a Class B professional certificate; completion of an NCATE-approved program for administrators, *or* a master's degree with 18 hours of resident graduate credit in such areas as foundations of education, school organization and administration, curriculum development, supervision, and school finance; three years of teaching or administrative experience during the five years preceding application.

2. CLASS AA SUPERINTENDENT-PRINCIPAL PROFESSIONAL. Requirements: Eligibility for Class B or Class A professional certificate; completion of a two-year NCATE-approved graduate program, *or* a master's degree plus 30 hours in advanced study in curriculum development, school law, public finance, school plant, research, personnel administration, and school administration.

3. CLASS A SUPERVISOR PROFESSIONAL. Issued with endorsement for supervision of instruction or attendance in elementary and/or high school. Requirements: Eligibility for certificate 5 or 8; master's degree; 8 graduate hours in supervision, or for attendance supervisor, 8 in social work, school attendance, and related subjects; three years of experience as a teacher, supervisor, or administrator during the five years preceding application.

4. CLASS AA SUPERVISOR PROFESSIONAL. Requirements: Eligibility for certificate 3; completion of an appropriate sixth-year graduate program.

Teachers: Elementary and Secondary

5. CLASS B ELEMENTARY PROFESSIONAL.[1] Valid for teaching grades 1-6. Requirements: Bachelor's degree from an in-state or NCATE-approved program, *or* bachelor's degree including general education, 59 (English, literature, and speech, 14; social science, 18, with 3 in each of three areas chosen from history, economics, political science, sociology, cultural anthropology, and geography; science, 12, with a full-year course in either biological or physical science and credit in the other; mathematics, 3; psychology, 3; art, 3; music, 3; health and physical education, 3); professional education, 27 (including human growth, development, and learning, 3; principles, philosophy, and foundations, 3; materials and methods, 6; student teaching, 6).

6. CLASS A ELEMENTARY PROFESSIONAL.[1] Requirements: Eligibility for certificate 5; master's degree in elementary education.

7. CLASS AA ELEMENTARY PROFESSIONAL.[1] Requirements: Eligibility for certificate 6; completion of a sixth-year program.

8. CLASS B SECONDARY PROFESSIONAL. Valid for teaching grades 7-12. Requirements: Bachelor's degree from an in-state or NCATE-approved program, *or* bachelor's degree including general education, 44 (English, literature, and speech, 14; social science, 12, with 3 in each of two areas chosen from history, economics, political science, sociology, cultural anthropology, or geography; science, 12, with a full-year course in either biological or physical science and credit in the other; mathematics, 3; psychology, 3); professional education, 21 (including human growth, development, and learning, 3; principles, philosophy, and foundations, 3; materials and methods in major or minor, 3; student teaching in major or minor, 6); specialization, 24-30 in the major (except agriculture, 50; home economics, 42 if minor is in home economics, 45 if not; distributive education, 33 and one year of work experience; trades and industries, 24 and three years of work experience) and 18 in the minor.

9. CLASS A SECONDARY PROFESSIONAL. Requirements: Eligibility for certificate 8; master's degree, including 6 hours in the teaching field and 6 in secondary education.

10. CLASS AA SECONDARY PROFESSIONAL. Requirements: Eligibility for certificate 9; completion of a sixth-year program.

11. CLASS B ELEMENTARY-SECONDARY PROFESSIONAL. Valid for teachers of art, industrial arts, health and physical education, music, or speech, and for persons performing special services such as librarian, speech therapist, speech correctionist, guidance counselor, or recreation director, grades 1-12. Requirements: Bachelor's degree from an in-state or NCATE-approved program, *or* bachelor's degree including general education, 44 (same as certificate 8); professional education,

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[1] May be endorsed for nursery school or kindergarten, or both, with appropriate credit.

21 (human growth, development, and learning, 3; principles, philosophy, and foundations, 3; materials and methods, 4; student teaching, 6; electives, 5); specialization, 24-30 in the major and an academic minor of 18.

12. CLASS A ELEMENTARY-SECONDARY PROFESSIONAL. Requirements: Eligibility for certificate 11; master's degree, including 6 hours in the special field and 6 in professional education.

13. CLASS AA ELEMENTARY-SECONDARY PROFESSIONAL. Requirements: Eligibility for certificate 12; completion of an appropriate sixth-year program.

Special School Service Personnel

14. CLASS A COUNSELING AND GUIDANCE PROFESSIONAL. Requirements: Eligibility for Class B professional certificate; two years of successful teaching experience; master's degree in approved curriculum, including at least 18 hours in philosophy, organization, and administrative relationships of guidance services, appraising, assessing, and understanding the individual, individual counseling, educational and occupational information, and group guidance procedures.

15. CLASS AA COUNSELING AND GUIDANCE PROFESSIONAL. Requirements: Eligibility for certificate 14; completion of a sixth-year program, including supervised practice.

16. CLASS A SCHOOL PSYCHOLOGIST PROFESSIONAL. Requirements: Master's degree; eligibility for a Class B professional certificate; two years of successful teaching experience; 27 hours in such areas as human growth and development, personality assessment, group dynamics, and social psychology, testing and counseling practicums, group testing, individual testing, statistics and research methods, special techniques in counseling, guidance, and psychotherapy, and proficiency in administration and interpretation of intelligence tests.

17. CLASS AA SCHOOL PSYCHOLOGIST. Requirements: Eligibility for certificate 16; completion of a sixth-year program in clinical or school psychology, including practicums.

18. CLASS B SPECIAL EDUCATION PROFESSIONAL. Requirements: Eligibility for Class B professional teaching certificate; bachelor's degree in special education from an approved institution; credits in the area of endorsement as follows:

a. MENTAL RETARDATION. Nature, needs, and psychological tests for mentally retarded, 3; materials, methods, and curriculum, 3; electives, 6 (including 3 each in two areas chosen from arts and crafts for atypical children, adapted physical education, multiple deviations, language development, and student teaching).

b. PHYSICAL DISABILITY. Medical aspects of crippling and special health conditions, 3.

c. MULTIPLE DISABILITIES (including cerebral palsy). Same as *a* and *b* combined, except one elective, 3.

d. PARTIALLY SEEING. Educational procedures for partially seeing children, 3; anatomy, physiology, and hygiene of the eye, 1-3; student teaching, 3.

e. BLIND. Nature and needs of blind children, 3; educational procedures for the blind, 3; Braille, 4; anatomy, physiology, and hygiene of the eye, 3; student teaching, 3.

f. BLIND AND PARTIALLY SEEING. Same as *d* and *e* combined.

g. SPEECH PATHOLOGY AND AUDIOLOGY. Phonetics, language development, foundations of speech and hearing disorders, including anatomy and physiology, 6; pathologies in oral communication and educational procedures, 12; audiometry and hearing rehabilitation, 6; clinical practice under a supervisor certified by the American Speech and Hearing Association, 200 clock hours.

h. DEAF AND SEVERE HEARING DISABILITIES. Three s.h. each in education and psychology for the deaf, speech reading, audiology, anatomy and physiology of hearing and speech, auditory training, speech development for hearing handicapped, teaching language to hearing handicapped, teaching reading to hearing handicapped, speech pathology or correction, student teaching, and electives.

i. LEARNING DISABILITIES. Same as *a*.

j. BEHAVIORAL DISORDERS. Same as *a*, plus courses in introduction to emotional problems of childhood, nature and needs of children and youth with emotional disturbances, and abnormal psychology.

19. CLASS A SPECIAL EDUCATION. Requirements: Eligibility for certificate 18; master's degree in special education or endorsement area, including an internship, 3, and specified courses.

20. CLASS AA SPECIAL EDUCATION. Requirements: Eligibility for certificate 19; approved sixth-year program.

Other Certificates Issued

21. TYPE III DAY TRADE. Valid for four years for day trade or itinerant instructors in state trade schools or high school trades and industries programs; renewable on experience. Requirements: High school graduation and seven years of experience in the occupation taught, *or* graduation from an approved trade school or high school trade program and three years of experience. Proof of experience must be submitted on the State Vocational Education Qualification Form to the director of the Vocational Education Division. *Type II* certificate is issued on 12 hours in trades and industrial education, *Type I* on an additional 30 hours in general and professional education, with 6-9 in English, 6-9 in history, and the remainder in electives of specified areas.

22. NONPROFESSIONAL, WITH ENDORSEMENT IN TRADES AND INDUSTRIES. Valid for one year. Requirements: Bachelor's degree and three years of appropriate work experience. Renewable on additional credit and convertible to Class B secondary professional certificate on completion of required credit with a major in trades and industries.

Alaska

State Certification Officer. Roberta I. Dowell, Supervisor of Certification, State Department of Education, Pouch F, Juneau, Alaska 99801.

General Requirements. Minimum age, 18. Fee, $10. Certificates are required of supervisors, principals, superintendents, and teachers in public schools, kindergarten through high school, and in state approved private and parochial schools. All certificates must be recorded in the office of the Commissioner. Renewals are dependent upon application, fee, and 6 or more hours earned during the preceding five-year period.

Credentials To Accompany Application. Application form, which includes personal data, experience reference (if applicable), and institutional recommendation sections; official transcripts; fee.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SCHOOL ADMINISTRATOR, TYPE B. Endorsed for superintendents, secondary and elementary principals, and other specialties in administration. Valid for five years. Requirements: Graduate degree with specialization in school administration, with a major in the field of requested endorsement; institutional recommendation; three or more years of certificated experience in approved elementary and/or secondary schools. A sixth year is required for superintendents.

Teachers: Elementary and Secondary

2. REGULAR, TYPE A. Endorsed for grade level or teaching field and for additional education specialization (guidance, special education, school psychologist, school librarian, and others). Valid for five years. Requirements: Bachelor's or higher degree in an approved program, including student teaching or equivalent; institutional recommendation.

3. VOCATIONAL TRADES AND INDUSTRY, TYPE D. Endorsed for secondary trade or vocational areas or subjects such as automotive or diesel mechanics, fisheries, electronics, subjects identified with trades and industry. Valid for two years. Requirements: Four or more years of experience in a trade or vocational or industrial field; statement of employment or intention to employ from a school district.

Special School Service Personnel

4. SPECIAL SERVICES, TYPE C. Endorsed for nurse, social worker, psychologist, or librarian. Valid for five years. Requirements: Completion of a program of preparation with a major in the special service area; institutional recommendation; a statement of employment or intention to employ from a school district.

Arizona

State Certification Officer. John A. Freestone, Director of Certification, Arizona Department of Education, 1535 W. Jefferson, Phoenix, Arizona 85007.

General Requirements. Minimum age, 18. Initial fee, $8; renewal, $3. Certificates are required of administrators, supervisors of nonspecial instruction, and teachers in public schools, kindergarten through grade 12. Certificates must be recorded in the office of the county superintendent. Standard certificates are issued for six years unless otherwise specified and are renewable for six years on 5 hours of approved upper-division or graduate study or on continuous teaching.

Credentials To Accompany Application. Instate graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates of NCATE or regionally accredited institutions are accepted if they substantially meet the requirements after the transcript of credits is evaluated. Oath of allegiance is also required.

CERTIFICATES AND REQUIREMENTS

Administrators

A general administrative certificate is required of any administrator responsible directly to a school board.

1. SUPERINTENDENT. Requirements: Hold certificate 5 or 7; three years of public school teaching experience; completion of a program for the superintendency, including 60 hours of graduate work, with 30 in appropriate preparation in advanced school administration, and a master's or higher degree.

2. SECONDARY SCHOOL PRINCIPAL. Requirements: Certificate 7; three years of teaching experience; master's degree; 54 graduate hours, including 24 in school administration.

3. ELEMENTARY SCHOOL PRINCIPAL. Requirements: Certificate 5; three years of teaching experience; master's degree; 54 graduate hours, including 24 in school administration.

Teachers: Elementary and Secondary

4. ELEMENTARY-TEMPORARY. Requirements: Bachelor's degree, including general education, 40 (communication, behavioral sciences, science and mathematics, humanities); academic major, 30, or academic minor of 18 and 12 in an additional field of specialization; professional education, 24 (psychological and philosophical foundations, curriculum and methods, student teaching in grades 1-8 or two years of experience); Arizona and U.S. Constitutions; electives.

5. ELEMENTARY-STANDARD. Requirements: Master's degree in an approved program or 30 graduate hours in an appropriate program developed by the institution's committee on teacher education.

6. SECONDARY-TEMPORARY. Requirements: Bachelor's degree, including general education, 40 (communication, behavioral sciences, science and mathematics, humanities); teaching major, 30; professional education, 22 (psychological and philosophical foundations, curriculum and methods of the special field, student teaching in grades 7-12 or two years of experience); Arizona and U.S. Constitutions; electives.

7. SECONDARY-STANDARD. Requirements: Master's degree in an approved program or 30 graduate hours in an appropriate program developed by the institution's committee on teacher education.

8. SECONDARY, VOCATIONAL SUBJECTS. Requirements: Bachelor's degree; professional education, 18. Field of concentration—agriculture, 60; home economics, 40; business and distributive education and trade and industrial education, see Arizona State Plan for Vocational Education.

9. SPECIAL ENDORSEMENT IN MUSIC, ART, PHYSICAL EDUCATION, OR INDUSTRIAL ARTS. Requirements: Bachelor's degree; 40 hours in the major, with methods courses on elementary and secondary levels.

10. SPECIAL CERTIFICATE IN HOME ECONOMICS. Requirements: Bachelor's degree; professional education, 18, including 6 in student teaching in home economics; home economics, 30 (including family, child guidance, home management, food and nutrition, clothing and textiles).

Special School Service Personnel

11. COUNSELOR-GUIDANCE. Requirements: Certificate 5 or 7; three years of teaching or two years of approved clinical or work experience; master's degree in an approved program, including 30 hours in guidance and counseling courses.

12. SPECIALIZED SERVICE (special education, speech and hearing clinician).

a. SPECIAL EDUCATION. Requirements for *temporary* certificate: Bachelor's degree, including 18 hours in special education. For the *standard* certificate: Master's degree or 30 graduate hours in an appropriate area.

b. SPEECH AND HEARING CLINICIAN. Requirements for *temporary* certificate: 30 hours in required speech courses. For the *regular* certificate: 60 hours in required speech courses.

13. LIBRARIAN. Requirements: Certificate 4 or 5 if in elementary school; certificate 6 or 7 if in secondary school; 18 hours in library science, including courses in organization and administration of a library, cataloging and classification, reference materials for library, literature for children or adolescents. The basic certificate will be stamped to indicate qualification as a school librarian.

Other Certificates Issued

Provisional certificates, valid for one year, are issued for all the above certificates (except administrative). If all deficiencies are removed within one year, the certificate is extended for a five-year period.

Arkansas

State Certification Officer. Austin Z. Hanner, Coordinator, Teacher Education and Certification, State Department of Education, Little Rock, Arkansas 72201.

General Requirements. Minimum age, 18; maximum age, 72. Certificates are required of professional employees of public schools and must be filed with the appropriate county supervisor. A health statement from a physician must be filed with the employing school superintendent.

Credentials To Accompany Application. Statement of age, recommendation (on application form) of the preparing institution or last employing school official, and official transcript (may be mailed direct by the institution).

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT. Valid for ten years for school officials whose duties are mainly administrative. Requirements: Eligibility for six-year elementary or secondary teaching certificate; four years of experience as teacher or administrator; 60 hours of graduate work, including the master's degree and a minimum of 30 hours in administration and supervision. (Experience and preparation must have been earned in the five-year period preceding application.)

2. SECONDARY PRINCIPAL. Valid for ten years. Requirements: Eligibility for a secondary or K-12 certificate; three years of experience as a secondary teacher, supervisor, or administrator; 45 hours of graduate work, including the master's degree and a minimum of 20 hours in secondary administration and supervision. (Experience and preparation must have been earned in the five-year period preceding application.)

3. ELEMENTARY PRINCIPAL. Valid for ten years. Requirements: Eligibility for an elementary teaching certificate (K-6 or K-12); three years of experience as elementary teacher or administrator; master's degree with 18 hours in elementary administration and supervision. (Experience and preparation must have been earned in the five-year period preceding application.)

4. SUPERVISOR. Valid for ten years. Requirements: Eligibility for six-year elementary or secondary or K-6 or K-12 certificate; certification in teaching area; master's degree with a minimum of 18 graduate hours in the field assigned and 15 in supervision and related areas; three years of experience as teacher or administrator.

5. CURRICULUM SPECIALIST. Valid for ten years. Requirements: Eligibility for elementary or secondary or K-6 or K-12 certificate; master's degree with 15 graduate hours in education courses, including curriculum study and related fields; three years of experience as teacher or administrator.

Teachers: Elementary and Secondary

6. KINDERGARTEN. Requirements: Bachelor's degree in elementary education (child development, 3; early childhood curriculum, methods, and materials, 6; early childhood practicum, 6, including 3 in kindergarten).

7. ELEMENTARY, K-6. Valid for six years. Requirements: Bachelor's degree in elementary or early childhood education; eligibility for certificate 8; child development 3; early childhood curriculum, methods, and materials, 6; practicum in early childhood education, 6, including 3 in kindergarten.

8. ELEMENTARY, GRADES 1-8. Valid for six years. Requirements: Bachelor's degree, including general education, 48 (English, 12; biological sciences, physical science, and math (one course each), 9; social science, 12; physical education, health, and safety, 6; electives not in major field, 9); professional education, 18 (including study of the school; the learning processes; teaching; and student teaching, 6); specialization, 27 (public school art, 3; public school music, 3; geography, 3; American history and government, 6; children's literature, 3; mathematics, 6; elementary science, 3; elementary physical education, 2, which may count as part of general education requirements); specialization in elementary physical education, 21.

9. ELEMENTARY MASTER'S. Requirements: Qualification for certificate 8; master's degree, including professional education and psychology related to elementary education, 12; subject matter, 12; and electives, 6.

10. READING SPECIALIST, K-12. Valid for ten years. Requirements: Master's degree with major emphasis in reading; minimum of 12 graduate hours in reading courses (at least one in each of foundation, diagnosis, and correction of reading disabilities, and laboratory practice in reading improvement); three years of teaching experience.

11. SECONDARY. Valid for teachers of endorsed subjects in grades 7-12 for six years. Requirements: Bachelor's degree, including general and professional education as for elementary, except that prescribed areas must be in the secondary field and methods and student teaching must be in major or minor area. Specialization as follows: art, English, public school music, science, social studies, journalism, or industrial education, 24; commerce, foreign languages, mathematics, or physical education, 21; health education, 17; vocational agriculture, 75; vocational home economics, 72.

12. SECONDARY MASTER'S. Requirements: Qualification for certificate 11; master's degree, including professional education and psychology related to secondary education, 6; subject matter in teaching field, 18; and electives, 6.

Special School Service Personnel

13. COUNSELOR. Requirements: Master's degree in counseling; certificate 11; two years of teaching and one year of work experience; 15 hours of guidance (9 graduate), including principles and practices, analysis of the individual, occupational and educational information, counseling techniques, and administrative relationships in guidance.

14. SPEECH THERAPIST. Requirements: Bachelor's degree, including general education as in certificate 8 or 11; professional education, 18 (study of the school, the learning processes, and 200 clock hours of clinical practice); required speech courses, 18.

15. TEACHER OF MENTALLY RETARDED OR PHYSICALLY HANDICAPPED. Requirements: Certificate 8 or 11 and specialized professional courses, including education of exceptional children, 3; nature and needs of physically handicapped or mentally retarded, 3; methods for area, 3; speech and language development, 3; directed teaching in special education, 6; appropriate electives, 6.

California

State Certification Officers. Peter L. LoPresti, Executive Secretary; Charles Moss, Assistant Executive Secretary; Eli Obradovich, Acting Chief, Licensing Branch; Carl A. Larson, Chief, Special Projects Branch; R. H. Ringis, Chief, Examinations and Evaluation Branch; Darrel D. Tipton, Chief, Teacher Standards Branch, Commission for Teacher Preparation and Licensing, 1020 "O" Street, Sacramento, California 95814.

General Requirements. Minimum age, 18. Fee, $20; each renewal, $20. Certificates are required of administrators, supervisors, pupil personnel workers, school nurses, librarians, and teachers in all public schools, kindergarten through junior college, and must be recorded in the office of the employing county superintendent. Initial certificates are issued for two years unless otherwise specified and are renewable for varying periods upon completion of specific requirements.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested, or by direct application to the state verifying completion of requirements. Out-of-state graduates, under the approved-program approach, may also be certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program. Transcripts of record, health certificate, personal identification (fingerprint) cards, application form, and verification of school experience, as appropriate, are required. (U.S. citizenship is no longer required.)

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. STANDARD ADMINISTRATION. Valid for the same period as the basic teaching certificate. Requirements: Hold certificate 3 or old-type kindergarten-primary, general elementary, junior high, or general secondary credential; five years of teaching experience; seven years of college, including three postgraduate years; master's degree in an academic area (or acceptable doctor's degree which, if not academic, must include a 24-hour sequence of academic subjects at the graduate level) and professional education (legal and financial aspects of education, school management, education and school administration in the community staff development, personnel management, curriculum development, evaluation, research, and supervised field experience), *or* completion of an approved school administration program totaling three postbaccalaureate years.

2. STANDARD SUPERVISION (health services; pupil personnel services; library services; trade, technical, and industrial education; special education; elementary; secondary; special subjects; instructional aids; elementary principal; and secondary principal). Valid for the same period as the basic teaching or service certificate. Requirements: Hold certificate 3, 4, or 5; five years of teaching or service experience; six years of college, including two postgraduate years (except for trade and technical), including professional education, 12 (administration of school systems, personnel administration, development and evaluation of instructional and service programs, and specific courses in the area of supervision); for principal, master's degree in an academic area (or other acceptable postgraduate degree in a nonacademic subject and completion of an academic major, 12 hours of which must be at upper-division or graduate level); *or* completion of an approved program in school principalship or supervision totaling two postbaccalaureate years.

Teachers: Early Childhood, Elementary and Secondary

Under the approved-program approach for early childhood, elementary, and secondary certification, California will accept the number of semester hours an approved institution requires for the major, minor, professional education, directed teaching, and general education. Professional education is not acceptable for a credential major or minor. Under the approved-program approach, the standard early childhood, elementary, and secondary credentials (3a, 3b, and 3c) will not be granted for life until the holder has completed three years of successful full-time teaching in California on the credential.

3. STANDARD TEACHING.

a. SPECIALIZATION IN EARLY CHILDHOOD TEACHING. Valid for preschool, kindergarten, and grades 1-3 inclusive, and for librarianship or special education at all grade levels if endorsed on the certificate. Requirements: Bachelor's degree for the initial certificate; a year of postgraduate work for the permanent certificate; preparation should include an academic subject matter teaching (commonly taught) major or, if the major is not academic, an academic subject matter teaching minor, and professional preparation. Specialized preparation in school librarianship or special education (deaf or hard-of-hearing, mental retardation, orthopedically handicapped including cerebral palsied, speech and hearing handicapped, visually handicapped) may be included in lieu of a minor as an additional authorization.

b. SPECIALIZATION IN ELEMENTARY TEACHING. Valid for kindergarten and grades 1-9 inclusive in self-contained classrooms, and for librarianship and special education at all grade levels if endorsed on the certificate. Requirements: Bachelor's degree for the initial certificate; a year of postgraduate work for the permanent certificate; preparation should include an academic subject matter teaching major or, if the major is not academic, an academic subject matter teaching minor, and professional preparation. Specialized preparation in school librarianship or special education (as in certificate *a*) may be included in lieu of a minor as an additional authorization.

c. SPECIALIZATION IN SECONDARY TEACHING. Valid for grades 7-12 in a subject matter major or minor, and for librarianship and special education at all grade levels if endorsed on the certificate. Requirements: Bachelor's degree for the initial certificate; a year of postgraduate work for the permanent certificate; preparation should include an academic subject matter teaching major or, if the major is not academic, an academic subject matter teaching minor, and professional preparation. Specialized preparation in school librarianship or special education may be included in lieu of a minor as an additional authorization.

d. LIBRARIANSHIP. Requirements (may be submitted in lieu of a minor for an early childhood, elementary, or secondary credential): Specialized courses, 24 (basic reference work and bibliography, selection of materials, technical services, classification and cataloging, school library organization and administration, literature appropriate for elementary and secondary students, and 90 clock hours of supervised field experience), *or* completion of an approved school library program.

e. TEACHER OF EXCEPTIONAL CHILDREN. Requirements (may be submitted in lieu of a minor for an early childhood, elementary, or secondary credential): Specialized courses appropriate to the teaching area, including student teaching: deaf and severely hard-of-hearing, 30; mentally retarded, 22; orthopedically handicapped, 22; speech and hearing handicapped, 37; or visually handicapped, 22; *or* completion of an approved program.

Restricted credentials, valid for ten years for teaching in areas of special education, are also available. A major or minor is not required. Authorization is limited to teaching the specialized area of preparation at all grade levels.

4. STANDARD DESIGNATED SUBJECTS (aviation flight instruction; aviation ground instruction; basic military drill; business education; modern foreign language; adult education; public safety and accident prevention, including driver education and training; vocational trade and technical teaching; persons of outstanding eminence). Requirements range from an appropriate Federal Aviation Agency license and military recommendation through appropriate practical experience and college or university preparation and verification of eminence by learned societies, etc.

Special School Service Personnel

5. STANDARD DESIGNATED SERVICES. Authorization, K-12.

a. SPECIALIZATION IN HEALTH (clinical psychologist, dental hygienist, dentist, nurse, oculist, optometrist, otologist, physician, podiatrist, psychiatrist). Requirements: Five years of college and/or professional preparation with a bachelor's or higher degree and an appropriate valid license, certificate, or registration issued by the authorized California agency. There are special educational requirements for school nurses.

b. SPECIALIZATION IN PUPIL PERSONNEL SERVICES (school counseling, child welfare and attendance, school psychometry, school psychology, rehabilitation counseling, and school social work). Requirements: Minimum two years of postbaccalaureate course work with a master's or higher degree in the area, including specific course work and, for school psychology and school social work, registration by the Board of Medical Examiners and Board of Social Work Examiners respectively; *or* completion of an approved program for each specialization.

Colorado

State Certification Officers. Otto G. Ruff, Supervisor, Teacher Education and Certification; Patricia D. Pease, Consultant, Teacher Certification; Eugene Campbell, Certification Analyst; James L. Fike, Staff Services and Certification Unit, Colorado Department of Education, State Office Building, Denver, Colorado 80203.

General Requirements. Fee, $5. Certificates are required of all teachers, principals, supervisors, and superintendents in the public schools (except junior college and adult education instructors) and of professional employees in accredited private, parochial, and denominational schools. Certificates must be registered in the office of the employing school district at no charge. Renewals are dependent upon application, payment of fee, and 6 or more hours of appropriate credit earned during the preceding five-year period.

Reciprocity. Regionally or NCATE-accredited colleges and universities are deemed to be standard institutions of higher learning for purposes of certification in Colorado.

Credentials To Accompany Application. Application form, which includes personal data, experience reference (if applicable), and institutional recommendation sections; official transcript sufficiently clear for microfilming, with degree notation; fee.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SCHOOL ADMINISTRATOR, TYPE D. Endorsed for superintendents and secondary and elementary school principals, later for other specialties in administration. Valid for ten years. Requirements: Graduate degree with specialization in school administration, with a major in the field of requested endorsement; institutional recommendation; three or more years of certificated experience in established elementary and/or secondary schools. A sixth year of preparation is required for superintendents; 15 hours beyond the master's degree for principals.

Teachers: Elementary and Secondary

2. TEACHER, TYPE A. Endorsed for grade level or teaching field or other educational specialization. Valid for five years. Requirements: Bachelor's or higher degree in an approved program, including student teaching or equivalent; institutional recommendation. The certificate may be issued under another plan to degree holders with five or more years of teaching experience in established elementary and/or secondary schools who achieve a satisfactory score on the NTE or other examination selected by the State Board of Education.

3. PROFESSIONAL TEACHER, TYPE B. Endorsed as in certificate 2. Valid for ten years. Requirements: Satisfactory completion of three or more years of service in established elementary and/or secondary schools under a Type A or equivalent certificate; satisfactory completion of a planned, sequential fifth-year program with a teaching objective, ordinarily qualifying for a master's degree; institutional recommendation.

4. VOCATIONAL TEACHER, TYPE C. Endorsed for secondary trade or vocational areas or subjects, such as auto and diesel mechanics; radio, television, and electronics; subjects in the building trades; subjects identified with industry. Valid for five years. Requirements: Five or more years of experience in a trade or vocational or industrial field; statement of employment or intention to employ from a school district.

Special School Service Personnel

5. SPECIAL SERVICES, TYPE E. Endorsed for nurse, social worker, speech correctionist, psychologist, or librarian. Valid for five years. Requirements: Completion of a program of preparation with a major in the special service area; orientation to performance of the service in schools; institutional recommendation. A statement of employment or intention to employ from a school district may be required.

NOTE: Completion of such specialties as guidance and counseling, various special education fields, speech correction, school psychology, school librarianship, and others will usually and preferably be endorsed as additional specializations on certificates of Type A or B. Endorsement will be added without charge upon completion of prescribed courses and recommendation of the preparing college or university.

Connecticut

State Certification Officer. __________________, Chief, Bureau of Teacher Preparation and Certification, State Department of Education, Box 2219, Hartford, Connecticut 06115.

General Requirements. Minimum age, 18. No fee. Certificates are required of all professional personnel in the public schools, nursery school and kindergarten through grade 12. All certificates are issued by the State Department of Education through the certification office, where they are recorded. Initial (provisional) certificates are issued for five years and are renewable for five years on experience. The holder must qualify for a standard certificate within ten years.

Credentials To Accompany Application. Instate graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates are certificated on the basis of regional, state, or national accreditation or other evidence of quality of preparation by the preparing college, whose recommendation is required based on completion of an appropriate program. Official transcript, application form, and evidence of successful experience, where appropriate, are also required. Application includes an affidavit of citizenship.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT (valid also for all other administrative and supervisory positions). Requirements for *provisional* certificate: Eligibility to hold certificate 3, 4, 5, 6, or 7; eight years of experience, including five in public schools and three in a position requiring certificate 2; 30 hours in addition to the master's degree, 15 of which must be at an approved recommending institution and the balance with its approval as a planned program, including historical, philosophical, and sociological foundations of education, psychological foundations, curriculum development, administration and supervision of school systems, and a core of related study in economics, sociology, political science, and the humanities. The total six-year preparation must include 100 hours in general education. For the *standard* certificate: Three years of successful experience under the provisional certificate.

2. INTERMEDIATE ADMINISTRATOR OR SUPERVISOR (valid for all administrative and supervisory positions except superintendent). Requirements for *provisional* certificate: Eligibility to hold certificate 3, 4, 5, 6, or 7; five years of experience, including three in public schools; 15 hours in addition to the master's degree taken at an approved recommending institution, including the first four areas required for certificate 1, with emphasis appropriate to career objective, the latter to be specified by the institution. For the *standard* certificate: Three years of successful experience under the provisional certificate and 30 hours beyond the master's degree; the total six-year program must include 100 hours of general education.

Teachers: Elementary and Secondary

3. ELEMENTARY. Requirements for *provisional* certificate: Bachelor's degree, including general

education, 75 (6 each in English and social studies, including U.S. history; at least one course each in mathematics, science, fine arts; distribution of rest optional); professional education, 30 (foundations of education; educational psychology; curriculum and methods; student teaching, 6); endorsement for various combinations of nursery school-kindergarten through grade 8, depending upon recommendation of the preparing institution. For the *standard* certificate: Three years of successful experience and completion of a fifth year of preparation.

4. SECONDARY. Requirements for *provisional* certificate: Bachelor's degree, including general education, 45 (in addition to the teaching field and including 6 each in English and social studies, including U.S. history); professional education, 18 (foundations of education; educational psychology; curriculum and methods; student teaching, 6). Valid in grades 7-12 for the subjects endorsed, the requirements for which are as follows: English, 30; history and social studies, 30 (15 in history, including U.S. and European or world, plus three other areas from government, international relations, economics, sociology, geography); history, 18 (including U.S., European, or world); business education, 30; languages, 18 in addition to 6 hours introductory; mathematics, 18; biological science, 18; earth science, 18; physics, 18; chemistry, 18; general science, 21 (12 in one science, one course in each of two others). For the *standard* certificate: Three years of successful experience and completion of a fifth year of preparation.

5. SPECIAL SUBJECTS OR FIELDS. Requirements for *provisional* certificate: Bachelor's degree, including general education, 40 (in addition to the teaching field and including 6 each in English and social studies, including U.S. history); professional credit as in certificate 4. Valid for grades 1-12, 1-8, or 7-12 for the subject or field endorsed, on recommendation by the preparing institution. Endorsement is based on a minimum of 35 hours in the special subject or field (agriculture, art, health, homemaking, industrial arts, library, music, physical education); library may include 17 hours in broad cultural fields, with 12 additional in library science required for the standard certificate. For the *standard* certificate: Three years of successful experience and completion of a fifth year.

6. SPECIAL EDUCATION (educable or trainable mentally handicapped, physically handicapped, socially and emotionally maladjusted, neurologically impaired, learning disabled). Requirements for the *provisional* certificate: Bachelor's degree from an institution approved for preparation in the special field; for elementary level or grades 1-12, 75 s.h. of general education (English, 6; science; mathematics; social sciences, including U.S. history, 6; fine arts); for secondary level, 45 s.h. in general education (at least three areas from among English, 6; social sciences, including U.S. history, 6; science; mathematics; fine arts; foreign languages) and 30 s.h. in one or two subject fields; 30 s.h. in professional education appropriate to the level and special field of certification (foundations of education; educational psychology; curriculum and methods; supervised observation, participation, and student teaching, 6-12 (or a year of experience teaching handicapped children); at least 12 s.h. in prescribed courses in the specialty). For the *standard* certificate: Three years of experience and completion of a master's degree or planned program of 30 s.h. beyond the bachelor's degree, at least 15 of which must be in general education.

Special School Service Personnel

7. SPECIAL SERVICES (reading consultant, psychologist, social worker, nurse-teacher, dental hygienist-teacher). Requirements: Bachelor's degree, and the first three listed require a master's degree with a program appropriate to the certificate. The school psychologist must have 45 hours for the *provisional* certificate and 15 additional hours and three years of successful experience for the *standard* certificate.

Other Certificates Issued

8. VOCATIONAL EDUCATION. Requirements are based on a combination of trade or industrial experience (eight years for trade instructor, three years for related-subjects instructor) and education (high school plus basic instructor training for trade instructor; two years of college, including 30 hours in such technical subjects as mathematics, science, drafting, design, plus basic instructor training, for related-subjects instructor). Secondary certificates are valid for endorsed subjects in vocational-technical schools.

Delaware

State Certification Officer. Elizabeth C. Lloyd, Director of Teacher Education and Professional Standards, State Department of Public Instruction, Box 697, Dover, Delaware 19901.

General Requirements. Fee, $10 for out-of-state applicants. Certificates are required of administrators, supervisors, teachers, and special service personnel in all public schools, kindergarten through high school. Initial certificates are issued for ten years unless otherwise specified and may be converted to five-year professional status certificates on completion of three continuous years of experience in Delaware in the certificated area. Professional certificates are renewable on teaching in Delaware for three years of the five-year period.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of the preparation required for the certificate requested. Out-of-state graduates are certificated on the basis of state and regional accreditation of the institution and evidence of completion of the preparation required. Transcripts to support the application are required. Verification of experience is required for administrative and guidance certification and for some reciprocity agreements. A health certificate is not required for certification but is for employment.

Reciprocity. There is reciprocity with no penalty for recommended graduates of NCATE-approved programs; for elementary education graduates of state and regionally approved programs in the eleven Northeastern states; for graduates of programs approved on the basis of recommended standards of the National Association of State Directors of Teacher Education and Certification (U.S. Office of Education Circular 351) or of the Interstate Certification Compact; and for applicants with a valid certificate, three years of successful experience, and the total number of credits required in Delaware but not necessarily the specific course areas required.

CERTIFICATES AND REQUIREMENTS

NOTE: Delaware certification requirements and procedures are currently under study leading to major revision, expected to be completed in 1974.

Administrators and Supervisors

1. CHIEF SCHOOL OFFICER. Required for the local chief school officer in districts employing 12 or more teachers in both elementary and secondary schools. Requirements: Eligibility to hold certificate 3 or 4; completion of 60 hours of an NCATE-approved program for chief school officers, *or* master's degree in school administration, plus 30 hours in a program planned for chief school officers.

2. ADMINISTRATIVE ASSISTANT.

a. ASSISTANT SUPERINTENDENT. Requirements: Same as for certificate 1.

b. GENERAL ADMINISTRATIVE ASSISTANT. Requirements: Master's degree in administration; three years of teaching or administration.

c. ADMINISTRATIVE ASSISTANT IN SPECIALIZED AREA. Requirements: Master's degree; specific training in specialized area; if assigned to business, must meet minimum requirements for business manager.

d. SCHOOL BUSINESS MANAGER. Requirements: Valid teaching certificate; *or* bachelor's degree (business administration, accounting, or engineering); *or* business training or experience approved under criteria established by the State Advisory Council on Teacher Education and Professional Standards, including specialized courses, 10-15 (school business administration and accounting).

3. SECONDARY SCHOOL PRINCIPAL. Requirements: Eligibility to hold a senior high school teaching certificate; three years of experience as a secondary school teacher or two years of teaching and one year of internship or approved equal, such as an assistant principalship; master's degree in an NCATE-approved graduate program in secondary administration and supervision, *or* master's degree with a minimum of 15 hours in

courses in school administration, supervision, and curriculum development. (For a principal serving as chief school officer, a course in school business management is required.)

4. ELEMENTARY SCHOOL PRINCIPAL. Requirements: Same as for certificate 3, except that the applicant must be eligible for certificate 7, teaching experience must be in the elementary school, and specified courses must be in elementary school administration.

5. SUPERVISOR. Requirements: Eligibility for a Delaware teaching certificate in the area to be supervised; master's degree in the area to be supervised, *or* a master's degree in another area with 30 graduate hours in the area to be supervised; five years of successful teaching experience in the area to be supervised; 9 graduate hours in supervision.

6. DIRECTOR.

a. DIRECTOR OF SPECIALIZED AREA (e.g., curriculum). Requirements: Master's degree plus 30 additional graduate credits, with emphasis in the special area; teaching certificate and three years of experience.

b. DIRECTOR OF BUSINESS AFFAIRS. Requirements: Teaching or administrative certificate and three years of experience; master's degree with supervised internship, or master's plus 30 hours.

Teachers: Elementary and Secondary

7. ELEMENTARY. Required for grades 1-6 and valid for grades 7-8 (see certificate 11) and in the middle school grades 5-8. Requirements: Bachelor's degree, including general education, 60 (including English, 8-12; social science, 4-6; laboratory science, 6-8; fundamental concepts of mathematics, 2-3); professional education, 30 (including human behavior, curriculum, methods, evaluation, student teaching, and special methods in teaching reading).

8. NURSERY - KINDERGARTEN. Requirements: Same as for certificate 7, except that reading is not required and 3 hours of student teaching must be at the nursery level.

9. KINDERGARTEN - PRIMARY. Requirements: Same as for certificate 7, except that professional preparation must be on the appropriate level.

10. MIDDLE SCHOOL. Requirements: Either elementary or secondary certificate is valid.

11. JUNIOR HIGH SCHOOL. Requirements: Certificates 7 and 12 are valid for grades 7 and 8, except that where accelerated courses are offered to certain students and senior high school graduation or college admission credit is assigned to these courses, the courses must be taught by persons holding certificate 12. Also, certificate 7 is valid in grades 7 and 8 for teaching mathematics only on the basis of 21 hours in mathematics courses and for teaching science only on the basis of general science in certificate 12. Certificate 12 is required for teaching grade 9.

12. SENIOR HIGH SCHOOL ACADEMIC SUBJECT MATTER AREAS. Requirements: Bachelor's degree, including 60 hours in general education and 18 in professional education (with not more than 6 in human behavior, and courses in foundations of education or tests and measurements, methods, and student teaching). Specialization: English, 36; mathematics, 30; biology, 24, plus 6 in chemistry; chemistry, 18, plus 6 each in physics, biology, and mathematics; physics, 18, plus 6 each in chemistry, biology, and mathematics; general science, 6 each in biology, chemistry, physics or physical science, mathematics, and electives; foreign language, 30; social studies, 30; dramatic arts and speech, 36.

13. SECONDARY VOCATIONAL SUBJECTS. Requirements: Bachelor's degree, including general education, 40; professional education, 18 (including areas of human behavior and methods and student teaching in the field covered by the certificate). Specialization: agriculture, 30 (and previous agricultural experience; distributive education, 18, plus one year of work experience in the distributive field; home economics, 38, plus homemaking experience. For industrial education, high school graduation; two years of approved industrial experience in the trade to be taught; 48 hours of specialized training for teaching vocational subjects and 12 in academic subjects.

14. SPECIAL FIELDS.

a. MUSIC, ART, AND HEALTH AND PHYSICAL EDUCATION. Valid for teaching in both elementary and secondary schools. Requirements: Bachelor's degree, including general education, 40; professional education 18 (in areas of human behavior, methods of teaching the specialty in either elementary or secondary schools, student teaching at appropriate level, and general professional subjects); specialization, 40.

b. INDUSTRIAL ARTS OR BUSINESS EDUCATION. Valid for teaching in high school. Requirements: Bachelor's degree; general education, 60; professional education, 18 for business education and 21 for industrial arts (including required areas of human behavior, special methods, student teaching, and general professional education); specialization, 42 for business education and 30 for industrial arts.

c. DRIVER EDUCATION. Requirements: Bachelor's degree, including 18 hours in professional education and 12 in driver and safety education; Delaware driver's license.

15. TEACHERS OF EXCEPTIONAL CHILDREN.

a. TRAINABLE AND EDUCABLE MENTALLY RETARDED, PARTIALLY SIGHTED AND/OR EMOTIONALLY MALADJUSTED, ORTHOPEDICALLY HANDICAPPED. Requirements: Certificate 7 (or 12 for teen-age mentally retarded), including or plus courses in specialized professional preparation.

b. HOME-BOUND AND HOSPITALIZED. Requirements: A teaching certificate appropriate to the level of assignment; two years of successful classroom teaching experience; 10 hours in child behavior, exceptional children, measurements, and abnormal psychology or mental hygiene.

Special School Service Personnel

16. LIBRARIAN. Requirements: Bachelor's degree with 18 hours in professional education, or a valid teaching certificate; 30 hours in library science, or master's degree in an approved program.

17. VISITING TEACHER. Only persons who have had either teaching or social work experience, preferably both, are employed as visiting teachers.

18. READING SPECIALIST. Requirements: Elementary or senior high school teaching certificate; three years of successful teaching experience; 15 hours in specialized professional preparation.

19. READING CONSULTANT. Requirements: Same as for certificate 18, plus two years of experience as a special reading teacher or one year in a reading center or clinic; master's degree or equivalent, with 12 graduate credits in psychology, 2-3 in clinical analysis of reading retardation, and one course in supervision.

20. SCHOOL PSYCHOLOGIST. Requirements: Master's degree; specialized professional preparation, 66, including clinical practice.

21. GUIDANCE COUNSELOR. Requirements: Master's degree or equivalent certificate appropriate to level of employment; three years of teaching experience, or two years and a one-year internship at the appropriate level; 13 courses in specified areas of study.

22. SPEECH AND HEARING THERAPIST. Requirements: Bachelor's degree, including 18 hours in professional education and 24 in specialized preparation.

23. SCHOOL NURSE. Requirements: Registered nurse in Delaware; 18 hours in public health, school nursing, child development, sociology, mental health, and family nutrition.

24. ADULT EDUCATION TEACHER. Requirements for teaching adult basic education: Bachelor's degree in adult, elementary, or secondary education; *or* liberal arts degree with a major in social studies or English. Requirements for teaching general adult education: Bachelor's degree in education or liberal arts and at least two years of training in a special field; *or* three years of experience in a special field and additional training in techniques of working with adults.

Other Certificates Issued

25. TEACHER AIDES. Permits are issued on a minimum requirement of a high school diploma.

26. SUBSTITUTES. Identification cards are issued on the basis of level of training and eligibility for certification. There are three levels of classification.

27. INTERNS. An appropriate intern certificate is issued on the basis of guaranteed supervision by the preparing institution; qualifications determined by the institution.

District of Columbia

Public Schools Licensing Officer. Solomon J. Kendrick, Chief Examiner, Board of Examiners, Department of Personnel, District of Columbia Public Schools, 415-12th Street, N.W., Washington, D.C. 20004.

General Requirements. No fee. Properly supervised teaching experience may be substituted for student teaching credit. To fulfill the bachelor's degree requirement for the several licenses, the candidate may submit such a degree conferred by an accredited teachers college as a result of a four-year professional course satisfactory to the Board of Examiners or by other accredited college; the required master's degree must, in each instance, have been earned in an accredited institution. Licenses are required of all teachers in public elementary and secondary schools and of special service personnel for whom certification standards have been established. A license makes the holder eligible, for two years, for appointment to an appropriate position in the public schools of the District of Columbia; if appointment is not made within two years, the license becomes invalid. A license becomes a permanent certificate after a satisfactory probationary period of two years. The permanent certificate is valid for five years and renewable on 6 s.h. (or equivalent) of appropriate work.

Procedures for Securing License. Licenses are issued on the basis of credentials plus examinations; applicants may be placed on probationary status prior to completion of examinations and some license requirements, provided a contract is signed and fulfilled to meet requirements within a specified time before permanent tenure. The credentials must include original transcript of credit, birth certificate or equivalent proof of U.S. citizenship, and two character references. Examinations consist of (a) written and, where required, practical examinations covering subject matter in the area and at the level to be taught; (b) oral examination covering all or any part of credentials submitted, all or any part of materials covered by the written examination, and personal fitness for the position sought; (c) physical examination, including chest x-ray; (d) physiology and hygiene examination, including effects of alcohol and narcotics.

CERTIFICATES AND REQUIREMENTS

Teachers: Elementary and Secondary

1. ELEMENTARY. Requirements:

a. GRADES K-6. Bachelor's degree in elementary education, including courses in urban elementary education, corrective and remedial reading, and sociology of urban youth. *Or* bachelor's degree including or plus an elementary education sequence, with courses in educational psychology, urban elementary education, corrective and remedial reading, sociology of urban youth, methods and materials in subjects taught in elementary school; observation and student teaching in elementary school (or one year of experience).

b. PREKINDERGARTEN AND KINDERGARTEN. Bachelor's degree in early childhood or nursery school education. *Or* bachelor's degree including or plus a kindergarten-elementary education sequence; at least 18 s.h. in prekindergarten education with courses in child development or psychology, early childhood or nursery school curriculum and procedures and methods and materials; additional credits in play activities and materials, teacher/child/family/community interaction, philosophy of education of the young child, role of the nursery school teacher; observation, participation, and teaching in prekindergarten-grade 2 (or one year of experience).

2. ELEMENTARY SPECIAL SUBJECTS, K-6. Requirements:

a. ART, MUSIC, PHYSICAL EDUCATION, LANGUAGE (or similar subjects or areas). Bachelor's degree including or plus a 30 s.h. subject major for elementary school; courses in educational psychology, urban elementary education, materials and methods in the major, sociology of urban youth, teaching of reading; observation and student teaching at any level (or one year of experience).

b. SCIENCE RESOURCE TEACHER. Bachelor's degree; 18 s.h. in science; two years of elementary teaching experience; courses in educational psychology, urban elementary education, sociology of urban youth, teaching of reading, methods and materials of elementary school science.

c. MATHEMATICS RESOURCE TEACHER. Bachelor's degree; 18 s.h. in mathematics (may include up to 6 approved institute or workshop credits); courses in educational psychology, urban elementary education, teaching of reading, sociology of urban youth, methods and materials of elementary school math; observation and student teaching in elementary school (or one year of experience); three years of teaching experience (at least two elementary).

3. JUNIOR HIGH SCHOOL ACADEMIC AND SPECIAL SUBJECTS. Requirements: Bachelor's degree in secondary education; courses in urban secondary education, teaching of reading, and sociology of urban youth. *Or* bachelor's degree including or plus a 30 s.h. major; courses in educational psychology, materials and methods of teaching the major, urban secondary education, teaching of reading, sociology of urban youth; observation and student teaching in junior high school or grades 9 and 10 in senior high school (or one year of experience in elementary or junior high school).

4. SENIOR AND VOCATIONAL HIGH SCHOOL. Requirements:

a. ACADEMIC AND SPECIAL SUBJECTS. Master's degree including or plus a 30 s.h. major; education sequence for senior and vocational high schools with courses as listed in certificate 3; observation and student teaching in senior and vocational high schools (or one year of experience).

b. DRIVER EDUCATION. Completion of approved courses in driver education, first aid, and safety education; current driver's license and driving record free of moving violations for at least two years preceding application for certification; D. C. driver instructor's license; education sequence for senior and vocational high schools with courses as listed in certificate 3; observation and student teaching in secondary schools (or one year of experience).

c. MILITARY SCIENCE. Bachelor's degree from an accredited college or the U. S. Military Academy, or graduation from senior ROTC and two years of active service as a regular or reserve officer; education sequence for senior and vocational high schools with courses as listed in certificate 3 (methods and materials waived for Academy or ROTC graduates); observation and student teaching in secondary schools (or two years of active service or one year of teaching experience).

5. TRADE AND INDUSTRIAL OCCUPATIONS AND RELATED SUBJECTS. Requirements: Bachelor's degree in elementary or secondary education, *or* bachelor's degree which includes wage-earning experience in the trade; three years of full-time wage-earning experience; courses in principles of vocational education or urban secondary education, educational psychology, sociology of urban youth, methods and materials of teaching the major, teaching of reading; 6 s.h. in vocational education; observation and student teaching in junior, senior, or vocational high school (or one year of experience). Wage-earning experience may be substituted on a year-for-year basis for the college requirement. Related-subjects teachers may have student teaching (or experience) at any level.

6. SPECIAL EDUCATION (mentally retarded, hard-of-hearing, deaf, visually handicapped, behavioral disorders, physically handicapped, learning disabled, multiple-handicapped). Requirements:

a. GRADES K-6. Bachelor's degree; elementary special education sequence; 18 s.h. in the specific area of special education; courses in survey of education of exceptional children, psychology of exceptional children, urban elementary education, educational psychology, sociology of urban youth, teaching of reading, curriculum planning and content; observation and student teaching in elementary school (or one year of experience).

b. JUNIOR HIGH SCHOOL. Bachelor's degree in secondary education, *or* bachelor's degree including or plus a sequence in junior high school special education; 18 s.h. in the specific area of special education; courses as listed in certificate *a* at appropriate level; observation and student teaching in junior high school or grades 9 and 10 in senior high school (or one year of experience).

c. SENIOR AND VOCATIONAL HIGH SCHOOL. Master's degree; sequence for special education in senior and vocational high school; 18 s.h. in the specific area of special education; courses in survey of education of exceptional children in secondary school, teaching of reading, sociology of urban youth, urban secondary education; observation and student teaching in senior or vocational high school (or one year of experience).

Special School Service Personnel

7. LIBRARIAN. Requirements: Bachelor's degree and 18 s.h. in library science for elementary

or junior high school, master's degree and 30 s.h. for senior or vocational high school; professional education for appropriate level, 15, including courses in educational psychology, teaching of reading, urban education, sociology of urban youth (and children's literature for elementary school librarian); observation and student teaching at appropriate level (or one year of teaching or library experience).

8. COUNSELOR (all levels). Requirements: Master's degree in guidance and counseling, including a practicum (or one year of teaching, counseling, pupil personnel, or business experience). *Or* master's degree with 30 s.h. in counseling and a practicum, preparation to include courses in principles of guidance, techniques of counseling, vocational information, group counseling, organization and administration of guidance services, mental hygiene, human relations, rehabilitation counseling (for counselors in special schools), pupil assessment, elementary school guidance, counseling disadvantaged, sociology of urban youth, case study techniques, current issues and trends, group dynamics, school and community, sociology, and child, adolescent, developmental, social, or abnormal psychology.

9. SCHOOL PSYCHOLOGIST. Requirements: Master's degree in psychology, *or* master's degree and 30 s.h. in psychology, including projective techniques and individual testing; practicum in educational, child guidance, medical, or community agency setting (or one year of experience).

10. PUPIL PERSONNEL WORKER. Requirements: Bachelor's degree, preferably with a major in psychology, sociology, child development, urban problems, and education; one year of experience as a pupil personnel worker or in a community setting with school-age children.

11. SCHOOL SOCIAL WORKER. Requirements: Master's degree in social work; field work in a setting with school-age children and their families (or one year of experience).

12. PSYCHOMETRIST. Requirements: Master's degree in psychology and one year of teaching experience, *or* bachelor's degree including or plus a sequence in education and psychology and one year of teaching, research, or pupil assessment experience.

13. READING CENTER PERSONNEL. Requirements:

a. TEACHER. Bachelor's degree including or plus an education sequence for teaching reading; three years of teaching experience; courses in child or adolescent psychology, educational psychology, urban education, children's literature, teaching of reading, reading disabilities, remedial techniques, and sociology of urban youth.

b. SPECIALIST. Master of arts, science, or education degree; preparation in reading; prescribed courses (including those listed in certificate *a*) and practicum; three years of experience in a reading center laboratory or clinical teaching.

c. COORDINATOR. Eligibility for certificate *b*; 12 s.h. in graduate reading courses (including publications, field experience, administration, and technology) and advanced work in reading and learning problems and curriculum development and supervision.

d. CONSULTANT. Eligibility for certificate *c* and 30 s.h. beyond the master's degree (including one graduate course in guidance); knowledge of policies and procedures in D. C. public schools.

14. SPEECH CORRECTIONIST. Requirements: Bachelor's degree; speech science and speech arts, 24; course in methods of teaching speech or speech correction; 200 clock hours of supervised practice or a year of experience in speech therapy; courses must include educational psychology, sociology of urban youth, and urban elementary and secondary education.

15. HEARING THERAPIST. Requirements: Bachelor's degree; speech and hearing courses, 24; course in teaching speech or in hearing therapy; 200 clock hours of supervised practice or a year of experience; courses must include educational psychology, sociology of urban youth, and urban elementary and secondary education.

16. CENSUS SUPERVISOR, CHILD LABOR INSPECTOR. Requirements: Bachelor's degree with a major in elementary or secondary education, business administration, economics, or sociology.

Other Certificates Issued

Other certificates issued on the bachelor's degree and/or other established requirements are Temporary Certificate for elementary or secondary teachers, valid one year; Substitute Teaching Certificate for per diem, employment, and Americanization School Certificate for elementary (grades 4-6 only) or secondary teachers.

Florida

State Certification Officer. John Staples, Administrator, Teacher Certification, State Department of Education, Tallahassee, Florida 32304.

General Requirements. Minimum age, 20, or an earned bachelor's or higher degree from an accredited institution of higher learning. Initial fee, $12. Certificates are required of administrators, supervisors, and teachers in all public schools, kindergarten through junior college. Initial certificates, based on a bachelor's degree, are issued for five years and may be extended for five years on 6 semester hours from an approved Florida junior college or accredited four-year institution, or on in-service points acquired through a school district master plan approved by the State Department of Education.

Credentials To Accompany Application. Instate graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates are certificated on the basis of completion of a nationally approved program or on the basis of the Interstate Agreement on Qualification of Educational Personnel (instructional only) in which Florida participates. Also required are transcript, evidence of U.S. citizenship, health certificate, character certificate, evidence of three years of experience for a certificate covering administration and five years for a certificate covering supervision.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERVISING PRINCIPAL. Valid for ten years. Requirements: Eligibility to hold a graduate certificate; three years of teaching experience; master's degree, including 24 hours in curriculum, educational supervision, and school administration.

2. SECONDARY SCHOOL PRINCIPAL. Valid for ten years. Requirements: Eligibility to hold a graduate certificate; three years of teaching experience; master's degree, including 18 hours in secondary curriculum, administration, and educational supervision.

3. ELEMENTARY SCHOOL PRINCIPAL. Valid for ten years. Requirements: Eligibility to hold a graduate certificate; three years of teaching experience; master's degree, including 18 hours in elementary curriculum, administration, and supervision.

4. SUPERVISOR. Requirements: Same as for certificate 1, except five years of experience.

Teachers: Elementary and Secondary

5. ELEMENTARY. Requirements: Bachelor's degree, including general education, 45 (6-12 each in English, social science, human adjustment, science and mathematics, and humanities, and the remainder selected from foreign language, music, speech and dramatics, home economics, agriculture, industrial arts, geography, and the fields listed as required); professional education, 20 (psychological foundations, 3; sociological foundations, 3; elementary curriculum and materials, 6; methods, 2; student teaching, 6); specialization, 21 (children's literature, elementary school art, science, health and physical education, music, social studies, and arithmetic).

6. GENERAL SECONDARY. Requirements: Bachelor's degree, including general education, 45 (6-12 each in English, science and mathematics, social studies, human adjustment, and humanities and applied arts); professional education, 20 (secondary curriculum and materials of instruction, 6; psychological foundations, 3; sociological foundations, 3; methods, 2; student teaching, 6); field of concentration, 30 (in most areas). Specific requirements are not enforced if the applicant presents a statement of completion of an approved program or major in the subject.

7. SECONDARY, VOCATIONAL SUBJECTS. Requirements: Same as certificate 6; field of concentration—agriculture, bachelor's degree; home economics, 36. Specific requirements are not enforced if the applicant presents a statement of completion of an approved program or major in the subject (latter satisfies specialization requirements only, not professional preparation).

8. EXCEPTIONAL CHILD EDUCATION (K-12). Requirements:

a. MENTAL RETARDATION, EMOTIONAL DISTURBANCE, OR SPECIFIC LEARNING DISABILITIES.

Bachelor's degree with a major in exceptional child education with specialization in the particular area of certification; *or* bachelor's degree with 32 s.h. in prescribed areas.

b. MOTOR, HEARING, OR VISUAL DISABILITIES. Bachelor's degree with a major in exceptional child education with specialization in the particular area of certification; *or* bachelor's degree and certification in another subject or field and prescribed work in exceptional child education totaling 15 s.h. for motor disabilities, 24 for hearing disabilities, or 18 for visual disabilities.

c. SPEECH CORRECTION. Bachelor's degree with a major in exceptional child education with specialization in speech correction; *or* bachelor's degree and certification in another subject or field and 27 s.h. in prescribed courses. Clinical practice is acceptable in lieu of practice teaching.

d. VARYING EXCEPTIONALITIES. Bachelor's degree with a major in exceptional child education; *or* bachelor's degree and certification in another subject or field and 18 s.h. in prescribed courses.

e. OCCUPATIONAL OR PHYSICAL THERAPY. Bachelor's degree, certificate from a school approved for the appropriate specialty by the AMA Council on Medical Education and Hospitals, and registration by the American Occupational Therapy Association or American Physical Therapy Association, whichever is applicable. Physical therapist must hold a Florida state license to so practice. Three s.h. credits each in a survey course in exceptional children and child development or adolescent psychology are acceptable in lieu of practice teaching.

Other Certificates Issued

9. THREE-YEAR PROVISIONAL. Valid in elementary schools and others valid in specific secondary fields. Issued to persons with a bachelor's degree from an accredited institution who have met the practice-teaching requirement but who do not qualify for a graduate or postgraduate certificate. These certificates may not be extended or reissued.

10. TEMPORARY. Valid for one year in elementary and secondary schools. Issued to persons with a bachelor's degree from an institution not regionally or nationally accredited or who have not met the practice-teaching and recency of credit requirements. The candidate must complete 6 hours annually toward meeting requirements for the graduate certificate.

Georgia

State Certification Officers. James E. Bottoms, Director of Program and Staff Development; Ted R. Owens, Associate Director, State Department of Education, Atlanta, Georgia 30334.

General Requirements. Certificates are required of all teaching and service personnel in public schools, grades 1-12.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates are certificated on the basis of regional and national accreditation of the preparing institution.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. ADMINISTRATION AND SUPERVISION. Valid for principals, assistant principals, superintendents, and assistant superintendents.

a. PROVISIONAL. Valid one year; renewable on two graduate courses toward professional certification. Requirements: Eligibility for certificate 3 in any field; 9 hours of graduate work in administration and supervision, including 3 in administration; one-year of school experience.

b. PROFESSIONAL FIVE-YEAR. Valid for seven years; renewable on two graduate courses. Requirements: Eligibility for certificate 3; master's degree, including 6 hours in the nature of the learner and psychology of learning and school program and problems, 15 in elementary and secondary school administration and supervision, 3 in curriculum and instruction for school administrators and supervisors, and 3 in research; three years of school experience.

c. PROFESSIONAL SIX-YEAR. Requirements: Eligibility for certificate *b;* completion of approved sixth-year program of 30 hours beyond the master's degree, including 3 in nature of the learner or psychology of learning, 3 in purposes of the school or educational foundations, 21 in administration and supervision, and 3 in educational research; institutional recommendation; required scores on NTE taken within the preceding seven years; three years of experience.

Teachers: Elementary and Secondary

NOTE: Effective July 1, 1974, teaching certificates will be known as Career Professional, Professional, and Provisional, all based on the master's degree; and Associate Professional and Provisional (nonrenewable) based on the bachelor's degree. The fifth year will be required for continuing certification.

2. PROVISIONAL FOUR-YEAR. Valid for three years; not renewable. Requirements: Bachelor's degree; all requirements for a teaching field.

3. PROFESSIONAL FOUR-YEAR. Valid for seven years; renewable on two additional courses. Requirements: Bachelor's degree; general education, 40 (English, science, social science, mathematics, related subjects); professional education, 18 (human growth and development, curriculum and methods, student teaching or approved substitute); teaching field as follows:

a. EARLY CHILDHOOD (K-3). Early childhood education, 30.

b. ELEMENTARY (K-8). Courses for elementary teacher, 18 (language arts, social studies, science and mathematics, creative arts, health and physical education, with maximum of 6 in any one area).

c. GRADES 7-9. Approved program and institutional recommendation.

d. GRADES 7-12. *English*—30, including grammar and composition and English and American literature, with maximum of 6 hours in such courses as speech, journalism, reading, drama, radio/TV. *Speech* (may be added to certificate in another field)—30 selected from general speech, drama and theater, discussion and debate, oral interpretation. *Foreign language*—for any language, 12 in senior or graduate courses. *Modern language*—24 each language, including grammar and composition, pronunciation and conversation, and literature; 6 allowed for history and culture courses, high school competency, or foreign residence. *Latin and Greek*—12 in each, including grammar and composition, pronunciation, and literature; 6 allowed for related history and culture or high school competency. *Second language*—18. *Social sciences*—36, with at least 6 each in American and European history and 24 selected from government, political science, economics, and geography. *History*—27, with at least 6 each in American and European. *Economics*—27, with at least 3 in comparative systems and 3 each in macro-, micro-, and personal economics. *Geography*—27, with at least 3 each in human geography, methodology with emphasis on field study, selected world regions, and urban geography. *Political science*—27, with at least 3 each in American constitutional law, comparative governments, history of political thought, and international relations. *Behavioral science*—39 in sociology, psychology, and anthropology, with concentration of 27 in one area and 6 each in the other two. *Mathematics*—27, including 3 each in algebra, geometry, and calculus; may include 6 in physics. *Science*—30, including 6 each in biology, chemistry, and physics. *Biology*—27, which may include 6 in chemistry. *Chemistry*—27, which may include 6 in biology. *Physics*—27, which may include 6 selected from chemistry, calculus, and analytic geometry. *Earth science*—27, including 3 in astronomy, 6 in geology, and 6 in meteorology. *Comprehensive business education*—36, with at least 6 in accounting, 3 each in business communications, economics, office machines, office practice, and typing (including advanced); 4 in shorthand (including advanced); remainder in business law, marketing, management, finance, economics, data processing, and related areas. *Bookkeeping and business management*—36, with at least 9 in accounting and 3 each in business communications, business law, economics, office machines or practice, and typing (including advanced); remainder in marketing, management, finance, economics, data processing, and related areas. *Business data processing and accounting*—36, with at least 9 in accounting, 6 in data processing (introduction to computer programming), 2 each in business communications and typing, 3 each in business law and economics; remainder in statistics, systems management, design and analysis, and related courses. *Industrial arts*—36, including 3 each in drafting, woods, metals, electricity-electronics, and power mechanics or graphic arts. *Vocational* (agriculture, home economics, distributive, Diversified Cooperative Training, trade and industrial)—approved program and institutional recommendation. *General home economics*—39, including family and child development (with nursery school practicum), textiles (including laboratory experiences, selection, and construction), food and nutrition, and housing, management, and family economics (including home management theory and residence and consumer education). *General agriculture*—36 in four areas chosen from agricultural economics, agricultural engineering, agronomy, horticulture, animal husbandry, dairy husbandry, poultry, forestry; 27 in five areas of science chosen from bacteriology, botany, chemistry, entomology, genetics, geology, physics, plant pathology, soils, zoology.

e. SPECIAL SUBJECTS, GRADES 1-12. *Art*—36, including 18 in drawing, painting, graphics, crafts, sculpture, 3D, history, and/or appreciation. *Music*—39, including 3 each in history and appreciation and methods. *Health and physical education*—27. *Visually impaired, speech correction, behavior disorders, health education,* and *career library media specialist* each requires an approved program and institutional recommendation.

4. PROFESSIONAL FIVE-YEAR. Requirements: Eligibility for certificate 3; master's degree including 6 hours in nature of the learner or psychology of learning and school problems and programs, and 15 hours in the field of certification. This certificate is also issued for reading specialist, career library media specialist, adult and continuing education, and safety, driver, and traffic education.

5. TEACHER SPECIALIST SIX-YEAR. Valid for seven years; renewable on two courses. Requirements: Eligibility for certificate 4; approved sixth-year program with at least 30 hours beyond the master's degree; institutional recommendation; required scores on NTE taken within the preceding seven years; three years of experience.

Special School Service Personnel

6. COUNSELOR. Requirements for *provisional* certificate, valid one year and renewable on two courses: Eligibility for certificate 3; 9 hours of graduate work in guidance and counseling; one year of experience. The *professional five-year* certificate requires a master's degree and three years of experience. The *professional six-year* certificate requires completion of an approved sixth-year program with at least 30 hours beyond the master's degree; institutional recommendation; required scores on NTE taken within the preceding seven years; and three years of experience.

7. VISITING TEACHER. Requirements: Same pattern as for certificate 6 except graduate credit should be in courses for visiting teacher or school social worker.

8. SCHOOL PSYCHOMETRIST. Requirements for *provisional* certificate, valid three years: Bachelor's degree; master's degree including 6 hours in nature of the learner and psychology of learning and school problems and programs, 15 in courses for associate school psychometrist (including 3 in orientation, 6 in child assessment (intellectual and personality), 3 in practicum or internship), and 3 in educational research; recommendation from institution where practicum was completed. *Professional* certification is available on three years of experience under the provisional certificate.

9. ASSOCIATE SCHOOL PSYCHOLOGIST. Requirements: Approved sixth-year program with at least 30 hours beyond the master's degree, including 6 in nature of the learner or psychology of learning and school problems and programs, 21 in courses for associate school psychologist (3 in orientation to school psychometry, 6 in child assessment (intellectual and personality), and 3 in practicum or internship in school psychometry), and 3 in educational research; recommendation from institution where practicum was completed; required scores on NTE taken within the preceding seven years; three years of experience.

10. SCHOOL LUNCH DIRECTOR. Requirements for *provisional four-year* certificate, valid three years and renewable on 12 hours toward professional certification: Bachelor's degree with a major in home economics, food science, nutrition science, dietetics, institutional management, ele-

mentary education, business administration, biological sciences, chemistry, or physics, including 6 hours in food and nutrition in senior-division courses for which organic chemistry is prerequisite; and (a) 9 hours in psychology or sociology of the school-age child or adult, personnel management, and/or methods and principles of education (no more than 6 in any one area); or (b) evidence of meeting membership requirements for American Dietetic Association; three years of experience. The *provisional five-year* certificate, valid three years and renewable on 6 hours, requires the master's degree with 9 hours in institutional management and three years of experience. The *professional five-year* certificate also requires the master's degree which should include, in addition to the 9 hours described above, 6 in nature of the learner and psychology of learning and school problems and programs, 6 in food and nutrition, and 3 in educational research; and three years of experience.

Other Certificates Issued

11. DOCTORAL. Requirements: Eligibility for a six-year certificate, completion of an approved doctoral program in the same field, institutional recommendation, and three years of school experience.

Hawaii

State Certification Officer. Eugene H. Yamamoto, Director of Employment, Office of Personnel Services, State Department of Education, Honolulu, Hawaii 96804.

General Requirements. Certificates required of all public and nonpublic school teachers are Basic, based on a bachelor's degree, or Professional, based on five years of preparation. Administrators must be eligible for the appropriate professional administrator's certificate based on five years of preparation and appropriate experience.

Credentials To Accompany Application. Official transcript.

CERTIFICATES AND REQUIREMENTS

A. BASIC TEACHER'S CERTIFICATE. Requirements: Bachelor's degree, including 18 hours in professional education, plus practice teaching (or one year of successful classroom (K-12) experience); *or* completion of a state-approved four-year program of teacher preparation and a bachelor's degree. Secondary teachers must have a major in a subject field which is taught in the secondary schools of Hawaii.

B. PROFESSIONAL TEACHER'S CERTIFICATE. Requirements: Bachelor's degree and 30 hours of subsequent course work or a master's degree, 24 hours of professional education (6 of which must be graduate), and practice teaching (or one year of successful classroom (K-12) experience); *or* completion of a state-approved five-year program of teacher preparation (bachelor's degree plus one year of graduate study, or a master's degree, including practice teaching or one year of successful classroom (K-12) experience). Secondary teachers must have a major in a subject field which is taught in the secondary schools of Hawaii.

Administrators

1. PROFESSIONAL SCHOOL ADMINISTRATOR (principals and vice-principals). Requirements: Two years of teaching experience; successful completion of the Hawaii Department of Education's administrative intern program; 20 hours of course work beyond the requirements for certificate B (15 must be in administration and supervision).

2. PROFESSIONAL ADMINISTRATOR (state and district educational officers). Requirements: Master's degree or five years of preparation; three years of teaching experience or equivalent work experience.

Teachers: Elementary and Secondary

3. KINDERGARTEN - GRADE 6. Requirements: Practice teaching (or one year of successful classroom experience) at the elementary level (K-6); at least 12 hours in elementary education.

4. SECONDARY. Requirements for professional certificate endorsement: *Agriculture*—46 hours in the field; science, 26; a course in teaching agriculture. *Art*—30 hours in the field; one course in teaching art. *Commercial subjects*—business and economics, 30; two courses in teaching shorthand, typewriting, and bookkeeping. *English*—30 hours in the field; a course in teaching English. *Health and physical education*—30 hours in the field; a course in the teaching of each. *Home economics*—45 hours in the field; art and science, 29; a course in teaching home economics. *Industrial arts*—30 hours in the field; a course in teaching industrial arts. *Languages*—30 hours in the language taught; a course in teaching the language. *Mathematics*—30 hours at the college level; a course in teaching mathematics. *Music*—30 hours in the field, a course in teaching music; ability to play a musical instrument. *Biological science*—30 hours in the field; a course in teaching science. *Physical science*—30 hours in the field; a course in teaching science. *Science*—30; a course in teaching science. *Social studies*—30 hours in the field, including a course in teaching social studies. *Speech*—30 hours in the field; a course in teaching speech. A college or university approved major is acceptable in lieu of 30 credits for all subject fields except agriculture and home economics.

Special School Service Personnel

5. SPECIALIST (school librarian, counselor, special education teacher, media specialist, psychological examiner, speech and hearing specialist). Requirements: Master's degree, *or* bachelor's degree and a year of graduate study in an institution accredited for the special field.

Idaho

State Certification Officer. Dorcey S. Riggs, Director of Teacher Certification and Related Services, State Department of Education, State Office Building, Boise, Idaho 83707.

General Requirements. Minimum age, 18; high school graduation; U.S. citizenship. Initial and renewal fees, $10. Certificates are required of administrators, supervisors, and teachers in all public schools, grades 1-12. Certificates are valid for five years and are renewable. They must be recorded in the office of the district or county superintendent.

Credentials To Accompany Application. Both in-state and out-of-state applicants are certificated on the basis of state and regional accreditation of the preparing institution. The applicant must submit a transcript and, when requested, evidence of citizenship and/or age.

CERTIFICATES AND REQUIREMENTS

Administrators

1. ADMINISTRATORS. Endorsements as follows:

a. SUPERINTENDENT. Requirements: Eligibility for certificate 3 or 5; three years of successful and acceptable educational experience, including at least one year as a principal or county or district superintendent, *or* four years of experience as a school or college teacher; master's degree or approved sixth-year program in administration, including 12 hours in supervision of instruction, guidance, administration, measurements and evaluation, school law, and school finance; 3 hours each in elementary and secondary education.

b. SECONDARY SCHOOL PRINCIPAL. Requirements: Eligibility for certificate 3; master's degree or approved sixth-year program in administration, including 12 hours in supervision of instruction, guidance, administration, measurements and evaluation, and school law; 2 hours each in principles of secondary education and secondary curriculum; three years of successful experience as a secondary teacher or principal.

c. ELEMENTARY SCHOOL PRINCIPAL. Requirements: Eligibility for certificate 5; master's degree or approved sixth-year program in administration, including 12 hours in supervision of instruction, guidance, administration, measurements and evaluation, and school law; three years of successful experience as an elementary teacher or principal.

Teachers: Elementary and Secondary

2. ADVANCED SECONDARY. Valid for five years; renewable for five years. Requirements: Eligibility for certificate 3; master's degree, including 8 hours in education and 8 in teaching field or service area.

3. STANDARD SECONDARY. Valid for grades 7-12. Requirements: Bachelor's degree; professional education, 20 (including student teaching, 6; methods and materials, 3; educational psychology or child growth and development, 3; foundations or principles of education, 3); preparation in two fields, with not less than 30 in the major and 20 in the minor.

4. ADVANCED ELEMENTARY. Requirements: Eligibility for certificate 5; master's degree with a major in elementary education.

5. STANDARD ELEMENTARY. Valid for grades 1-8. Requirements: Bachelor's degree; professional education, 24 (including student teaching, 6; methods and materials, including language arts, 6; educational psychology or child growth and development, 3; foundations or principles of education, 3); general education, 42 (English, including composition, 12; social studies, including American history or government, 12; science in two or more areas, 8; music or art, 3; fundamental arithmetic, 6).

6. OUT-OF-STATE CERTIFICATE ENDORSEMENT. A certificate issued by another state, currently valid, may be endorsed for the period of validity, not in excess of five years, provided issued for teaching the same field and level the holder will teach in Idaho. The applicant must have attended an accredited institution approved by the Idaho State Board of Education and satisfy minimum requirements and total credits for Idaho certification. A fee of $2 per year for each year of endorsement is required. No endorsement of certificate from another state may be granted when a person is eligible for an Idaho certificate.

Special School Service Personnel

7. PUPIL PERSONNEL SERVICES. Areas of endorsement as follows:

a. GUIDANCE. Requirements: Hold a valid Idaho teaching certificate; two years of teaching experience; master's degree; 18 hours in guidance, including 12 at the graduate level (principles and practices of guidance service, counseling techniques, and supervised counseling practicum are required).

b. PSYCHOLOGICAL EXAMINER. Requirements: Master's degree in psychology, education, or closely related area, training to include psychological foundations, educational foundations, psychological methods, school organization and program, 120-clock-hours supervised internship.

c. SCHOOL PSYCHOLOGIST. Requirements: Master's degree in psychology, education, or closely related area; two years of training beyond the master's, including areas as listed in certificate *b*; 300-clock-hours supervised internship.

d. SPEECH AND HEARING THERAPIST. Requirements: Master's degree; 60 hours to include work in speech, hearing, and language development and disorders, audiology, speech pathology, and 275 clock hours of clinical experience.

e. SCHOOL SOCIAL WORKER. Requirements: Master's degree in social work, *or* master's degree in guidance and counseling plus 30 graduate credits in social work, including course work in understanding the individual, casework methods, field placement, research methods, and social welfare programs.

f. SCHOOL NURSE. Requirements: (a) Bachelor's degree in nursing from an Idaho-approved institution, or work in approved institution in community health nursing, conservation of student health, growth and development, health education, counseling or guidance, and audiovisual aids; (b) clinical experience in school or public health setting, or two years of full-time nursing experience in school or in public health department including experience in a school setting, or one year each of school and public health nursing; (c) valid Idaho RN license. An Idaho RN who does not meet requirements (a) and (b) may be issued a five-year interim certificate.

8. EXCEPTIONAL CHILD. Valid as endorsed for teaching mentally retarded, perceptually impaired, auditorially impaired, visually impaired, emotionally disturbed/socially maladjusted, multiple handicapped. Requirements: Bachelor's degree and recommendation from an NCATE or Idaho-approved institution, with a major in endorsed

area; *or* bachelor's degree in elementary or secondary education, including 30 hours in the endorsed area and the exceptional child. An interim certificate, valid for three years and renewable once for three years on 6 additional hours, may be granted on a bachelor's degree with a minimum of 9 hours in courses related to the special area and the exceptional child and others required by the institution to meet desired competency, plus institutional recommendation.

Illinois

State Certification Officer. Vito C. Bianco, Secretary, State Teacher Certification Board, 212 E. Monroe Street, Springfield, Illinois 62706.

General Requirements. Minimum age, 19; good character; good health; U.S. citizenship. A fee of $10 is charged for evaluation of credentials and establishment of entitlement, paid to the State Teacher Certification Board, and $3 for issuance and registration of certificate, paid to the county superintendent. Certificates must be registered or renewed annually with the county superintendent. All certificates except the provisional are valid for four years, and renewable indefinitely for four-year periods on the basis of successful teaching and professional growth. Certificates are required of professional employees of public schools. State certificates are not valid in Chicago, whose Board of Education certifies Chicago teachers.

Credentials To Accompany Application. Statement of age and citizenship; official transcript; Institutional Credit Blank and college recommendation for the type of certificate to be issued from graduates of NCATE-accredited colleges.

Certificates and Requirements

Administrators and Supervisors

1. ADMINISTRATIVE. Valid for teachers, supervisors, and administrators, grades K-12. Requirements: Master's degree, meeting requirements for specified endorsement as follows:

a. GENERAL SUPERVISORY (supervisors, curriculum directors, and similar positions). Professional education, 16 graduate hours in a program for the preparation of supervisors, including curriculum and research, 8; two years of teaching experience.

b. GENERAL ADMINISTRATIVE (principals, assistant principals, assistant or associate superintendents, and similar positions). Professional education, 20 graduate hours in a program for the preparation of administrators and supervisors; two years of teaching experience.

c. SUPERINTENDENT. Master's degree, plus 30 hours in a program for the preparation of superintendents (professional education, 16); two years of administrative or supervisory experience in public schools.

Teachers: Elementary and Secondary

All standard elementary, high school, or special certificates are issued on the basis of graduation from an approved program in an Illinois institution or an out-of-state NCATE-accredited institution. Graduates of other institutions or programs must meet minimum requirements as specified below.

2. STANDARD ELEMENTARY SCHOOL. Valid for teaching grades K-9. Requirements: Bachelor's degree, including general education (language arts, 9; science, 7; social science, including American history and/or government, 7; humanities, including music and art, 6; mathematics, 5; health and physical education, 3; additional work in above fields or in psychology other than educational, 78); professional education, 16 (educational psychology, including human growth and development, 2; appropriate methods and techniques, 2; history and/or philosophy of education, 2; methods of teaching reading, 2; appropriate student teaching, 5 (or student teaching above grade 9 and experience); electives in above fields or in guidance, tests and measurements, and instructional materials, 3).

3. STANDARD HIGH SCHOOL. Valid for teaching grades 6-12. Requirements: Bachelor's degree, including general education, 42 (language arts, 8; science and/or mathematics, 6; social science, including American history and/or government, 6; humanities, 6; health and physical education,

3; additional work in above fields and/or psychology other than educational, 13); professional education, 16 (educational psychology, including human growth and development, 2; appropriate methods and techniques, 2; history and/or philosophy of education, 2; appropriate student teaching, 5 (or student teaching below grade 6 and experience); electives in the above fields and/or guidance, tests and measurements, and instructional materials, 5); specialization, a major of 32 or three minors of 18-24 each (54-72). Courses in general education may be counted toward a major or minor.

4. a. STANDARD SPECIAL. Valid for teaching subject(s) named in grades K-12. Requirements: Same as certificate 3, except that the applicant should be prepared to teach both elementary and secondary levels.

b. SPECIAL, GRADES 11-12. Valid indefinitely for teaching up to 10 hours weekly where county superintendent certifies that no regularly certificated teacher is available for elective subjects, grades 11-12. Requirements: Bachelor's degree, with a major and minor in separate fields.

Other Certificates Issued

Provisional certificates corresponding to certificates 2, 3, and 4 may be issued to individuals who meet the requirements for a regular certificate in another state. These certificates are valid for two years, during which period the requirements for the corresponding standard certificate must be met; they are not renewable.

Other certificates, which are based on appropriate training or experience as specified by the State Certification Board, are Provisional Vocational Certificate, General Certificate for part-time teachers of adult education subjects, Temporary Certificate for Teaching Trainable Mentally Handicapped, and Substitute Certificate.

Indiana

State Certification Officer. Clifford E. Grigsby, Director, Division of Teacher Education and Certification, State Department of Public Instruction, Indianapolis, Indiana 46204.

General Requirements. Fee, $5. Certificates are required of all teachers, administrators, and supervisors in public elementary and secondary schools and teachers in special state schools (schools for the blind and the deaf, schools of correction) and vocational trade schools, and of special school service personnel for whom certification standards have been established. Certificates are issued for five-year terms and must be filed with the superintendent of the employing corporation.

Credentials To Accompany Application. In-state graduates must have institutional recommendation. Out-of-state graduates must submit official evidence of a bachelor's degree from an accredited school, transcript, a $5 evaluation fee, and a letter stating on which level (elementary or secondary) certification is desired. Oath of allegiance to U.S. and Indiana Constitutions, a health certificate showing freedom from communicable disease and from addiction to drugs, and a statement that no taxes are owed to Indiana are required to complete certification.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SUPERINTENDENT, PROVISIONAL. Requirements: Eligibility for certificate 4 or 5; three years of experience as a teacher; master's degree; Ed.Sp. or equivalent or higher degree, with 60 or more hours of graduate credit in administration, supervision, or cognate areas. Convertible to a professional certificate on three years of experience.

2. SECONDARY SCHOOL PRINCIPAL, PROVISIONAL. Requirements: Eligibility for certificate 5; three years of successful experience as a teacher; master's degree with 20 hours in secondary administration and supervision. Convertible to a professional certificate on three years of experience as an administrator and/or supervisor in the public junior high or secondary schools of Indiana and 60 graduate hours, with 15 in secondary school administration and supervision above those required for provisional certification.

3. ELEMENTARY SCHOOL PRINCIPAL, PROVISIONAL. Requirements: Eligibility for certificate 4; three years of successful experience as a teacher; master's degree with 20 hours in elementary administration and supervision. Convertible to a professional certificate on three years of experience as an administrator and/or supervisor in the public elementary or junior high schools of Indiana and 60 graduate hours, with 10 in elementary administration and supervision beyond those required for the provisional certificate.

Teachers: Elementary and Secondary

4. GENERAL PROVISIONAL ELEMENTARY. Valid for teaching all subjects in grades K-6 and convertible to a professional certificate on three years of teaching experience and a master's degree. Requirements: Bachelor's degree, including social studies, 15; science, 15; mathematics, 8; English, 15; arts, 10; human growth and development, 10; professional content and methods, 19; student teaching, 8.

5. PROVISIONAL SECONDARY. Valid for teachers of endorsed subjects in grades 7-12 and convertible to a professional certificate with a master's degree and three years of teaching experience. Requirements: Bachelor's degree, including general education, 50; professional education, 18; specialization, a major (40 hours) or an area major (52 hours in a broad field such as social studies, business education, etc.). There may be a second major or one or more minors (24 hours in a subject).

Iowa

State Certification Officers. Orrin Nearhoof, Director, Division of Teacher Education and Certification; Robert Glass, David Schruer, and Merrill Halter, Consultants in Teacher Education and Certification; Howard Hammond, Consultant, Career Teacher Education; Allen Meyer, Consultant, Adult and Career Personnel Development, State Department of Public Instruction, Des Moines, Iowa 50319.

General Requirements. Minimum age, 18. American government or American history, 2 hours. Initial fee, $15, each renewal, $15. Certificates are required of administrators, supervisors, and teachers in all public schools, nursery through junior college, and in private and parochial schools for children of compulsory school age. Certificates must be recorded in the office of the county superintendent. Initial certificates are issued for ten years unless otherwise specified and are renewable for ten years on completion of 6 approved credit hours and one year of experience.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates are certificated on the basis of regional and NCATE accreditation or other evidence of quality of preparation, in either case having completed a program equivalent to that approved within the state bearing on the certificate requested. NCATE-approved programs are considered equivalent to those approved within the state. Also required: transcript, evidence of experience, if any, and recommendation of the preparing institution. *Important:* Persons prepared outside the state and seeking initial certification in Iowa should write a letter indicating the type of service for which a certificate is desired, enclosing complete official transcript(s), itemizing experience, if any, and listing all certificates held in other states, if any.

CERTIFICATES AND REQUIREMENTS

Administrators, Supervisors, Teachers, and Special Service Personnel

1. PERMANENT PROFESSIONAL CERTIFICATE. Valid for life. Endorsed for elementary teacher, secondary teacher, elementary-secondary teachers of special subjects, special service personnel, elementary supervisor, elementary-secondary supervisor in a special subject or service area, elementary principal, secondary principal, or superintendent. Requirements: Hold or qualify for

certificate 2; master's degree in an approved program; four years of experience.

2. PROFESSIONAL CERTIFICATE. Requirements for endorsement: *Elementary teacher*—approved bachelor's degree program. *Secondary teacher*—approved bachelor's degree program. *Elementary-secondary teachers of special subjects* or *special service personnel*—approved bachelor's degree program in the subject or service, except that endorsement for service as a school psychologist requires a master's degree with a major in school psychology and two years of teaching experience. *Elementary supervision*—meet requirements for elementary teacher; master's degree, with emphasis on supervision; four years of experience. *Elementary-secondary supervision*—meet requirements for elementary-secondary teachers or service personnel; master's degree, with emphasis on supervision in a subject or service area; four years of experience. *Elementary principal*—meet requirements for a professional teaching certificate; master's degree in elementary education, with emphasis on administration; four years of experience. *Secondary principal*—meet requirements for a professional teaching certificate; master's degree in secondary education, with emphasis on administration; four years of experience. *Superintendent*—meet requirements for a professional teaching certificate; master's degree in school administration; an NCATE or state-approved sixth-year program; four years of experience.

Other Certificates Issued

3. SUBSTITUTE CERTIFICATE. Valid for six years for the service designated on an expired certificate; limited in use to replacement of a regularly certificated teacher who began the school year and for not more than 90 days in an academic year. Requirements: Hold an Iowa or other regular certificate that has expired but is subject to renewal.

4. TEMPORARY CERTIFICATE. Valid for one year for endorsed service; renewable on experience and two courses earned toward regular certification. Issued (a) to holders of expired regular Iowa certificates; (b) to applicants who are qualified except for a deficiency of the required 2 s.h. in American history or American government; (c) to applicants from other states completing non-NCATE-accredited programs; and (d) to cover emergency situations where regularly certificated teachers are not available.

Kansas

State Certification Officers. L. C. Crouch, Assistant Commissioner, Division of Continuing Education; Earl W. Dungan, Director of Certification and Teacher Education; Gladys Iske, Certification Supervisor; Eileen Heinen, Assistant, Teacher Education Section; Solomon Humbargar, Student Teaching Consultant, State Department of Education, Topeka, Kansas 66612.

General Requirements. Fee, $5 for the initial certificate, $5 for renewal or additional certificates. A "C" average is required in college work submitted for certification or renewal. Certificates are required of administrators, supervisors, and teachers in public and accredited nonpublic elementary and secondary schools, nursery through junior college, and in special state schools (schools for the blind and deaf, schools of correction, vocational trade schools). Certificates must be registered with the clerk of the board of education.

Credentials To Accompany Application. Official transcript and recommendation by the preparing institution; personal and character references.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. ADMINISTRATOR I (CODE: 148). Valid for three years for building and assistant administrators and renewable for three- and five-year periods on specified credit and experience. Requirements: Hold or be eligible for a degree three-year certificate on the level to be administered (elementary, secondary, junior college); two years of teaching or administrative experience; graduate degree; minimum graduate credits, 36 (15 in five

areas selected from administration and supervision, curriculum and program development, sociological and philosophical foundations of education, psychology, guidance, group dynamics and human relations, legal and financial aspects of school operation, plant design and operation, and research and evaluation; 9 in general education and liberal arts courses; appropriate electives).

2. ADMINISTRATOR II (CODE: 151). Valid for three years for supervisors and other specialized personnel who report directly to a chief school administrator or designated assistant and who are responsible for a specialized function. Renewable once without additional credit and subsequently for three- and five-year periods on specified credit and experience. Requirements: Hold or be eligible for a degree three-year certificate; three years of experience as a certificated school employee; graduate degree; minimum graduate credits, 48 (15 as in certificate 1; 20 in specialization; appropriate electives).

3. ADMINISTRATOR III (CODE: 154). Valid for three years for chief school administrator and central office administrative assistants who report directly to a board of education. Renewable once without additional credit and subsequently for three- and five-year periods on specified credit and experience. Requirements: Hold or be eligible for a degree three-year certificate; three years of experience as a certificated school employee; graduate degree; minimum graduate credits, 60 (30 covering all areas listed in certificate 1; 12 in general education and liberal arts courses; appropriate electives).

Teachers: Elementary and Secondary

4. DEGREE THREE-YEAR ELEMENTARY. Valid for three years for teachers in grades K-9; renewable for five-year periods on specified credit and experience. Requirements: Bachelor's degree, including general education, 50 (oral and written communication and foreign language, 12; physical and biological science and mathematics, 12; social science, 12; electives in physical and mental health, human behavior, general religion, philosophy, music, art, and above areas, 14); professional education, 24 (pupil development and learning, 6; school and society and teaching profession, 6; elementary school instruction, 8, including 5 in directed teaching; electives, 4); elementary school content and methods, 15 in addition to professional education.

5. SECONDARY THREE-YEAR CERTIFICATE. Valid for three years for teachers of grades 7-12; renewable as in certificate 4. Requirements: Bachelor's degree, including general education, 50 (same as in certificate 4); professional education, 20 (pupil development and learning, 6; school and society and teaching profession, 6; secondary instruction, 8, including 5 in directed teaching).

6. DEGREE EARLY CHILDHOOD CERTIFICATE (CODE: 187). Valid for three years in any nursery and renewable for five years on successful experience and thereafter on additional credit and experience. Requirements: Bachelor's degree, including 50 hours of general education and liberal arts courses and 24 hours of professional education (12 in early childhood education, including directed teaching).

Special School Service Personnel

7. SECONDARY SCHOOL COUNSELOR. Requirements: Eligibility for certificate 5; two years of experience; preprofessional courses approved by the recommending institution, 15; master's degree, including guidance courses, 18 (including at least 2 each in the basic course; tests and measurements; occupational, educational, and sociological information; counseling theory and techniques; supervised practice; program planning); institutional recommendation.

Kentucky

State Certification Officer. Sidney Simandle, Director, Division of Teacher Education and Certification, State Department of Education, Frankfort, Kentucky 40601.

General Requirements. Minimum age, 18. Certificates are required of administrators, supervisors, principals, and teachers in all public schools, nursery through high school, and in accredited nonpublic elementary and secondary schools. Certificates must be recorded in the office of the employing superintendent. Initial (provisional) teaching certificates are issued for ten years unless otherwise specified and may be extended only upon completion of a planned fifth-year program. Unless otherwise specified, standard certificates, based on the master's degree, are issued for ten years and are subject to life extension on three years of experience.

Persons who completed preparation ten or more years prior to the date of application must show recency of credit (12 hours at the graduate level) or experience (three years) during the preceding ten-year period.

Credentials To Accompany Application. Application provides for a statement from the preparing institution of satisfactory completion of an approved program corresponding to certification requested. Official transcript is required.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. ADMINISTRATION AND SUPERVISION, PROFESSIONAL. Valid for continuous service as endorsed; additional endorsements may be made upon completion of additional programs. Requirements:

a. ELEMENTARY PRINCIPAL. Completion of requirements for certificate 5; three years of teaching experience; 45 hours of graduate credit, including a master's degree and elementary curriculum, elementary administration, supervision of instruction, guidance and counseling, and educational measurement.

b. MIDDLE SCHOOL, JUNIOR HIGH PRINCIPAL. Completion of requirements for certificate 8; experience and graduate credit as in certificate *a* but at the appropriate level and including developmental psychology and teaching of reading.

c. SECONDARY PRINCIPAL. Completion of requirements for certificate 10; experience and graduate credit as in certificate *a* but at the appropriate level.

d. SUPERVISOR OF INSTRUCTION. Completion of requirements for certificate 5, 8, or 10; three years of teaching experience; 45 hours of graduate credit, including a master's degree and advanced study in reading instruction, elementary curriculum, secondary curriculum, supervision of instruction, group dynamics, educational measurement, school-community relations, and instructional program for exceptional children.

e. DIRECTOR OF PUPIL PERSONNEL. Completion of requirements for certificate 5, 8, or 10; three years of teaching experience; 45 hours of graduate credit, including a master's degree and basic concepts of pupil personnel services, basic concepts of pupil appraisal, pupil personnel accounting, and records management.

f. SUPERINTENDENT. Completion of requirements for certificate 5, 8, or 10; five years of teaching and/or administrative experience; 60 hours of graduate credit, including a master's degree and approved curriculum.

2. SCHOOL BUSINESS ADMINISTRATOR, PROVISIONAL. Valid for four years; renewable once on 8 hours selected from curriculum for certificate 3. Requirements: Bachelor's degree, including an 18-hour planned program based on requirements for certificate 3. A teaching certificate is not required.

3. SCHOOL BUSINESS ADMINISTRATOR, STANDARD. Valid for continuous service. Requirements: Master's degree; graduate or undergraduate program should include history and philosophy of education, school organization and administration (two courses), school law, business law, principles of accounting (two-course sequence), governmental or public school accounting, public finance and taxation, public school finance, school plant planning, and office and personnel management. A teaching certificate is not required.

Teachers: Elementary and Secondary

4. ELEMENTARY, PROVISIONAL. Valid for teaching grades 1-8. Requirements: Bachelor's degree, including general education, 45 (communications and humanities, 18; mathematics and natural science, 12; social science, 12; health and physical education, 3); preprofessional education, a balanced program of 12-18 hours in the foundations selected from general education and/or electives; general requirements, 26 (school music, 4;

school art, 4; additional modern mathematics, 6; additional social science, 6; additional English, including children's literature, 6); professional education, 24 (human growth and development and the curriculum, 3-6; introduction to education and/or school organization, 2-6; fundamental processes and learning materials, 6-12; student teaching, 8).[2]

5. ELEMENTARY, STANDARD. Requirements: Eligibility for certificate 4; master's degree, including 9 hours in professional education and 12 in nonprofessional.

6. KINDERGARTEN, PROVISIONAL. Requirements: Eligibility for certificate 4 and preparation dealing with guidance of the preschool child, fundamentals of kindergarten education, and student teaching in the kindergarten. Bachelor's degree graduates majoring in home economics-child development may be certified for the kindergarten level when the following additional preparation is included: student teaching in kindergarten, children's literature, teaching of reading, mathematics for elementary teachers, the exceptional child, and curriculum development in early childhood and elementary education.

7. JUNIOR HIGH SCHOOL (MIDDLE SCHOOL), PROVISIONAL. Valid for teaching grades 5-9 and may be endorsed for grades 9-12 when the applicant has a teaching major or minor for the secondary school level. Requirements: Bachelor's degree; general and preprofessional education same as for certificate 4; professional education, 20 (teaching reading, human growth and development, adolescent psychology, teaching in the junior high school, student teaching); specialization, 60, including at least one major of 24 hours and the remainder distributed among other majors, minors, or semimajors.

8. JUNIOR HIGH SCHOOL (MIDDLE SCHOOL), STANDARD. Requirements: Eligibility for certificate 7; master's degree, including 9 hours in professional education and 12 in nonprofessional.

9. HIGH SCHOOL, PROVISIONAL. Valid for teaching grades 7-12. Requirements: Bachelor's degree; general and preprofessional education, same as for certificate 4; professional education, 17 (human growth and development and the curriculum, 3-6; introduction to education and/or school organization, 2-6; fundamental processes and learning materials, 2-6; student teaching, 8);[2] minimum specialization, one major of 30 hours or certain designated combination majors of 36 hours.

a. SECONDARY VOCATIONAL SUBJECTS. Requirements for the general high school certificate apply, provided a previously approved program in the vocational subject has been completed.

10. HIGH SCHOOL, STANDARD. Requirements. Eligibility for certificate 9; master's degree, including 9 hours in professional education and 12 in nonprofessional.

11. SPECIAL EDUCATION, PROVISIONAL. Requirements: Bachelor's degree; general and professional education, same as for certificate 4, 7, or 9; specialization, 12-30, depending on the specialty.

12. SPECIAL EDUCATION, STANDARD. Requirements: Eligibility for certificate 11; master's degree, including 9 hours in professional education and 12 in nonprofessional.

13. DRIVER EDUCATION. A provisional or standard teaching certificate may be endorsed for teaching driver education upon completion of a 12-hour specified curriculum.

Special School Service Personnel

14. LIBRARIAN. A teaching certificate may be endorsed for service as school librarian at the same level upon completion of 21 hours in library science, including practice.

15. LIBRARIAN, STANDARD. Requirements: *Plan I*—eligibility for certificate 4, 7, or 9; master's degree in library science, including course work in child growth and development, teaching reading, and fundamentals of elementary education and of secondary education. *Plan II*—eligibility for certificate 4, 7, or 9; master's degree, including library science, 27 (administration, books and materials selection, cataloging and

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[2] A teacher who has taught successfully for four or more years is required to take only 4 hours of student teaching or a seminar of 4. A teacher who has had one year of successful experience may take a seminar dealing with professional problems instead of the 8 hours in student teaching.

classification, and practice); course work in teaching reading, fundamentals of elementary education and of secondary education, and child growth and development. The specific course work may be completed at the graduate or undergraduate level.

16. GUIDANCE COUNSELING, PROVISIONAL. Certification is endorsement on the teaching certificate and is limited to grade levels covered by that certificate. Requirements: Eligibility for certificate 4, 7, or 9; one year of teaching experience; master's degree (including philosophy and principles of guidance and pupil personnel services; organization and administration of guidance and personnel services; appraisal, assessment, and understanding of the individual; developmental processes, personality, and behavior change; theories and methods of counseling; career development and vocational planning; group guidance procedures; supervised experiences in guidance and counseling; investigation and research procedures).

17. GUIDANCE COUNSELING, STANDARD. Valid for continuous service. Requirements: Eligibility for certificate 16; one year of experience as a guidance counselor; additional 30 hours of graduate credit in a planned, approved program.

18. SCHOOL PSYCHOMETRIST. Requirements: Bachelor's degree in psychology or eligibility for certificate 4, 7, or 9; master's degree (including philosophy, organization and administration of pupil personnel services; human development—childhood and adolescence; survey of exceptional children; personality and adjustment; statistics; educational and psychological measurement; individual testing; and supervised practice in psychometrics).

19. SCHOOL SOCIAL WORKER, PROVISIONAL. Valid for ten years during which holder must complete a fifth-year school social work curriculum. Requirements: Bachelor's degree, including general education and preprofessional education same as for certificate 4; 30 hours in school social work curriculum (including philosophy, organization and administrative relationships of school social work services; appraisal, assessment, and understanding of the individual; social case work and group work techniques to include group dynamics; utilization of community resources in school social work services; educational information; supervised practice in school social work). A teaching certificate is not required.

20. READING SPECIALIST. A teaching certificate based on a four-year preparation program may be endorsed for reading specialist for the same level upon completion of a master's degree program with emphasis in reading, including at least 12 credits in graduate-level reading courses and 12 in supporting courses; at least three years of classroom teaching experience.

Other Certificates Issued

21. VOCATIONAL EDUCATION (TEN-YEAR). Requirements: Four years of teaching experience in an approved program operated under the State Plan for Vocational Education and completion of 24 hours in professional courses (18 if graduate of approved associate or bachelor's degree program).

22. VOCATIONAL EDUCATION (ONE-YEAR). Requirements: Three years of successful and appropriate occupational experience in area to be taught. First renewal requires 6 hours in approved curriculum; subsequent renewals require 4 hours in approved associate or bachelor's degree program.

23. ADMINISTRATION, SUPERVISION, AND COORDINATION OF VOCATIONAL EDUCATION. Valid for continuous service. Requirements: Bachelor's degree; completion of requirements for certificate 21 and two years of experience; 15 hours of specific graduate-level curriculum beyond requirements for certificate 21.

24. TEACHING IN NON-TAX-SUPPORTED SCHOOLS. According to statute, "standards for teacher certification shall provide for the certification without further educational requirements of any administrator, supervisor, or teacher who has attended and received a bachelor's degree from a college or university accredited by a national or regional association in the United States, or who, at the discretion of the State Board of Education has the equivalent degree from a foreign college or university of comparable standing."

Louisiana

State Certification Officer. Robert G. Crew, Acting Director, Teacher Education, Certification, and Placement, State Department of Education, Baton Rouge, Louisiana 70804.

General Requirements. Certificates are required of all professional personnel in public and accredited nonpublic elementary and secondary schools, nursery through high school. Initial certificates are issued for three years. Higher certificates, valid for life for continuous service, are issued on completion of three or five years of successful experience. Additional teaching, administrative, and supervisory authorizations are endorsed on certificates when specific preparation and experience requirements are met.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the dean of education at an approved institution and on evaluation of transcript. Out-of-state applicants are certificated on the basis of completion of a bachelor's degree program in teacher education in a state and regionally accredited institution and must be certificated by the state in which the institution is located.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SCHOOL SUPERINTENDENT. Requirements: Valid Louisiana certificate; five years of successful experience as a parish (county) or city superintendent or assistant superintendent, state supervisor of instruction, parish supervisor, visiting teacher, principal of a state-approved school, president or dean of a state-approved college, and/or director of teacher training, three of them during the five years preceding appointment to the superintendency; master's degree; 12 graduate hours in professional education; resident of Louisiana for at least five years preceding appointment.

2. PARISH OR CITY SCHOOL SUPERVISOR. Requirements: Valid Louisiana degree certificate; five years of successful school experience, three of them during the five years preceding appointment to the supervisory position; master's degree; 12 graduate hours in professional education.

3. DIRECTOR OF PARISH AND CITY MATERIALS BUREAUS OR CENTERS and SUPERVISOR OF SCHOOL LIBRARIES. Requirements: Valid Louisiana certificate authorizing school library service; master's degree; 12 graduate and 18 undergraduate hours in library science. Director of materials bureaus or centers must have five years of successful school experience, including three as a librarian; supervisor of school libraries, five years as a school librarian.

4. PARISH SCHOOL LUNCH SUPERVISOR. Requirements: Bachelor's degree; three years of successful experience in education or school lunch or other quantity-food-service management (at least two years during the five years preceding employment as school lunch supervisor); 3 hours of supervised practice in school lunch or other quantity-food-service management *or* three years of experience; appropriate subject areas, 15 (human nutrition, 5; remaining 10 in four areas chosen from human nutrition, quantity (institutional) food purchasing, quantity cookery, quantity (institutional)-food-service organization and management, and accounting, preferably food cost accounting). A combination of two or more of the five areas into several courses is acceptable. A person who has 6 hours in the subject areas may be issued a provisional certificate for one year, renewable for one year on 6 additional hours and convertible to regular certification on completion of the requirements. This certificate does not authorize the holder to perform any service other than parish school lunch supervision.

5. SCHOOL PRINCIPAL. Requirements: Valid Louisiana degree teaching certificate; three years of successful experience during the five years preceding appointment as principal; graduate training in administration and supervision for the appropriate principalship level(s); master's degree, including 12 hours of professional education, for the principalship of any school of 300 enrollment or more or an approved high school with or without an elementary department.

6. SUPERVISOR OF STUDENT TEACHING. Requirements: Valid Louisiana degree teaching certificate in the field or level of supervisory assignment; three years of experience in the field or

level; master's degree, including 12 hours of professional education, 6 in the field or level of supervisory assignment and 3 in appropriate supervision.

Teachers: Elementary and Secondary

7. ELEMENTARY (AND KINDERGARTEN AND NURSERY SCHOOL). Requirements: Bachelor's degree; general education, 46 (English, 12; social studies, 12, including 3 in U.S. history; science, 12, including 3 each in biological and physical science; mathematics, 6; health and physical education, 4); professional education, 24 (introduction, foundations, history, or philosophy, 3; educational psychology or principles of teaching, 3; student teaching at upper or lower elementary level, 4; professional education appropriate to the teaching level, 14, including 3 in child psychology); elementary education, 22 (children's literature, 3; speech, 3; general geography, 3; Louisiana history, 3; appropriate health and physical education, 4; appropriate music, art, and/or industrial arts, 6). Applicants without experience may teach in kindergarten or nursery school by adding 6 hours in appropriate training and 3 in appropriate student teaching. Three years of successful teaching experience will be accepted in lieu of student teaching. A kindergarten or nursery school certificate will be granted on a master's degree in an approved early childhood education program.

8. SECONDARY. Requirements: Bachelor's degree; general education, 46 (same as for certificate 7); professional education, 18 (introduction, history, foundations, or philosophy, 3; educational psychology or principles of teaching, 3; student teaching, 4; secondary professional education, 8, including 3 in adolescent psychology). Specialization—English, 12; speech, 18; journalism, 12; first foreign language, 24, each additional, 18; social studies, 12, including 3 in government; science, 12 (the whole science course shall include 6 hours each in physics, biology, and chemistry, and 6 in science field(s) of certification, provided the physics, biology, and chemistry requirements meet the requirements for general science); mathematics, 12; business education, 36 (typing, 6; shorthand, 9; accounting, 9; related business and economics, 12); vocational agriculture, 50; distributive education, 18 (technical); driver education and traffic safety, 6; school library service, 18; vocal music, 62; instrumental music, 62; piano, 62; combination vocal and instrumental music, 82; art, 30; industrial arts, 36; vocational home economics, 42; health and physical and safety education, including coaching, 33; physical education, including coaching, 20; health and safety education, 19; special education—blind, 21; partially seeing, 16; crippled or special health problems, 18; mentally retarded, 18; socially maladjusted and emotionally disturbed, 18; deaf, 26; hard-of-hearing, 26; speech defective and hard-of-hearing, 39.

Special School Service Personnel

9. VISITING TEACHER. Requirements for the *minimum* certificate: Valid Louisiana degree teaching certificate and five years of successful experience, three of them during the six years preceding appointment as a visiting teacher (two years of experience in guidance clinics, social case work and/or mental hygiene clinics may be substituted for two years of school experience). Minimum certificates are valid for one year and renewable on 6 graduate hours applicable to standard certification. For the *standard* certificate: Master's degree, including 12 hours in professional education, including 6 in principles of guidance and visiting teacher work; 12 additional hours, including at least one course each in psychology, social work, and sociology.

10. GUIDANCE COUNSELOR. Requirements: Valid Louisiana degree certificate; three years of experience as a teacher; master's degree, including 15 hours in professional courses (one each in organization and administration of guidance, analysis of the individual, educational and occupational information, counseling, and principles of guidance, with undergraduate course acceptable for the latter). A person who meets the certificate and experience requirements may be issued an authorization to serve as a guidance counselor for one year, renewable on 6 hours applicable to the remaining required areas.

Other Certificates Issued

11. TRADE AND INDUSTRIAL. Requirements: Special certificate valid for a limited period, sub-

ject to renewal, based initially on trade and/or industrial experience.

12. TEMPORARY. Valid for one year in elementary and secondary fields. Issued on request of the employing superintendent and his statement that there is no regularly certificated teacher and the applicant is the best qualified person available for the position. Renewable each year on the superintendent's request and 6 hours earned toward a permanent certificate for the position.

Maine

State Certification Officers. Robert P. Ho, Director, Bureau of Continuing Educational Resources; J. Wilfrid Morin, Director, Professional Development Services; David Johnson, Credentials Evaluator, State Department of Educational and Cultural Services, Augusta, Maine 04330.

General Requirements. Minimum age, 17. No fee. Certificates are required of all teachers and administrators in public and parochial schools, kindergarten through high school. Holders of arts and science degrees may substitute examinations and certain experience for a portion of the formal course work and practice specified for the certificates listed. Certification by equivalency involves a total review of requirements, not a point-by-point substitution. Equivalencies are defined in the regulations of the State Department of Educational and Cultural Services. Certificates are valid for five years unless otherwise indicated and are renewable on evidence of professional growth and service or specific course work.

Credentials To Accompany Application. Transcript; birth certificate; professional and character references. Out-of-state applicants must submit evidence of employment in Maine public schools, or if not yet employed, must request a certificate of eligibility based on evaluation of credentials submitted, which is replaced by a regular certificate.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SUPERINTENDENT. Valid for superintendents and assistant superintendents. Requirements for *provisional* certificate: Master's degree in education or related academic area, including professional education, 18 (required courses in school finance, personnel administration, and internship or practical work experience; other courses distributed among evaluation and research, school plant, supervision, public relations, school law, curriculum construction, and advanced methods); institutional recommendation; five years of teaching, including two as administrator or supervisor at both elementary and secondary levels (except that lack of experience at one level may be compensated for by course work in curriculum and supervision at that level); satisfactory knowledge of state school law demonstrated by course work or examination.

For the *professional* certificate, valid for ten years: Three years of experience under the provisional certificate; an additional year or 30 hours in an approved program.

2. SECONDARY SCHOOL PRINCIPAL. Requirements for *provisional* certificate: Eligibility for certificate 7 or 8; matriculation in an accredited graduate school; professional graduate study, 6 (secondary administration and supervision); three years of secondary school experience.

For the *professional* certificate: Master's degree in education or academic subject related to secondary curriculum, including professional education, 12 (excluding administration and supervision); two years of experience under the professional certificate.

3. ELEMENTARY SCHOOL PRINCIPAL. Requirements for *professional* certificate: Eligibility for certificate 5; matriculation in an accredited graduate school; professional graduate study, 6 (elementary administration and supervision); three years of elementary teaching experience.

For the *professional* certificate: Master's degree in education or academic subject related to elementary curriculum, including professional education, 12 (excluding administration and supervision); two years of experience under the provisional certificate.

4. SUPERVISOR. Valid for instructional supervisors, curriculum coordinators, or subject supervisors in area or level named on certificate. Requirements for *provisional* certificate: Valid Maine professional teaching certificate; professional graduate study, 12 (supervision, 3; curriculum and instruction, 3; psychology, 3; testing, statistics, and research, 3); three years of teaching experience in one area or at one level.

For the *professional* certificate: Master's degree in education or an academic subject; two years of experience under the provisional certificate.

Teachers: Elementary and Secondary

5. ELEMENTARY. Requirements for *provisional* certificate: Graduation from an approved four-year program and institutional recommendation; *or* bachelor's degree including general education (50 percent of curriculum) and professional education, 30 (the learner and the learning process; the educational context or system; methods and techniques; supervised or laboratory teaching, 6); *or* completion of a graduate program for elementary teachers, including professional education specified above and institutional recommendation.

For the *professional* certificate: Graduate study, 30 (including subjects in or related to elementary curriculum, 15); four years of teaching experience under the provisional certificate.

6. JUNIOR HIGH SCHOOL. Valid for teaching grades 6-9. Requirements for *provisional* certificate (issued until July 1, 1973; not renewable): Completion of an approved four-year program and institutional recommendation.

For the *five-year standard* certificate: Four years of experience under the provisional certificate; professional junior high school education, 6.

7. SECONDARY. (Major and minor teaching subjects named on certificate, but valid for any academic subject.) Valid for teaching grades 7-12, general secondary subjects, and special subjects prepared for in an approved program. Requirements for *provisional* certificate: Graduation from an approved four-year program and institutional recommendation; *or* bachelor's degree, including general education (50 percent of curriculum), teaching field preparation (major, 30, which may include special methods, 3, and minor, 18; *or* area of specialization, 50, which may include special methods, 3), and professional education, 18 (the learner and the learning process; the educational context or system; methods and techniques; supervised or laboratory teaching, 6).

For the *professional* certificate: Graduate study, 30 (including subjects taught in or related to those taught in secondary schools, 15); four years of teaching experience under the provisional certificate.

8. SPECIAL SUBJECT TEACHER. Valid for teaching agriculture, art, business and commercial education, health, physical education, home economics, nursing care, industrial arts, or music in grades 1-12. Requirements for *provisional* certificate: Graduation from an approved four-year program and institutional recommendation.

For the *professional* certificate: Graduate study, 30 (special subject, 15); four years of teaching experience under the provisional certificate.

9. DRIVER EDUCATION TEACHER'S AUTHORIZATION. Requirements: Valid Maine teaching certificate; approved personal driving record; Maine driver's license; approved 3-hour course in driver education taken within five years preceding application.

10. SPECIAL EDUCATION TEACHER. Requirements for *provisional* certificate: Graduation from an approved four-year program and institutional recommendation; *or* eligibility for certificate 5 or 7, and professional education, 12 (history, philosophy, and general educational practices pertaining to exceptional children, 6; identification and evaluation, methodology or training, and personal and vocational adjustment pertaining to exceptional children, 6).

For the *professional* certificate: Graduate study, 30 (special education, 18); four years of experience under the provisional certificate.

11. VOCATIONAL TRADE AND INDUSTRIAL TEACHER, SPECIAL CERTIFICATE. Valid for two years for teachers of nonacademic classes in approved vocational trade and industrial programs. Requirements: Graduation from an approved secondary school or possession of a state high school equivalency certificate; completion of a learning experience in the industrial area (accepted apprenticeship; *or* three years of wage-earning experience; *or* 60 hours in education, including 20 in closely related technical or scientific subjects;

or graduation from an appropriate two-year program at an aprpoved vocational or technical institute); three years of wage-earning experience at the journeyman level; completion of a short-term preservice training program required at the discretion of the Commissioner of Education.

For the *five-year* certificate: Completion of a 12-hour approved program of teacher-training courses and four years of experience under the two-year certificate.

Special School Service Personnel

12. COUNSELOR. Valid for counselors and guidance directors in secondary schools. Requirements for *provisional* certificate: Eligibility for certificate 7; master's degree (philosophy, organization, and administrative relationships of guidance services; appraising, assessing, and understanding the individual; counseling, educational and occupational information; group guidance procedures; supervised practice) two years of secondary teaching experience; one year of wage-earning experience other than teaching or counseling.

For the *professional* certificate: three years of experience under the provisional certificate.

13. ELEMENTARY GUIDANCE CONSULTANT. Requirements: Eligibility for certificate 5; master's degree (philosophy, organization, and administrative relationships of guidance services, including elementary level; appraising, assessing, and understanding the individual, including administering individual intelligence tests; counseling, psychology of human development; analysis of group processes; supervised practice in elementary guidance and counseling); two years of elementary teaching experience.

14. SCHOOL LIBRARIAN. Valid for librarians in elementary and secondary schools. Requirements for *provisional* certificate: Graduation from an approved four-year program and institutional recommendation; *or* eligibility for certificate 5 or 7, and library science, 18 (school library administration, books and materials, teaching the use of the library, and classification and cataloging).

For the *professional* certificate: Approved graduate study, 30 (in related areas for previous graduates of approved programs; for others, 12 hours in appropriate library science courses); four years of experience under the provisional certificate.

15. SCHOOL PSYCHOLOGIST. Requirements for *provisional* certificate: Master's degree or matriculation as a doctoral candidate; approved graduate study, 60 (educational foundations, education of the exceptional, testing and clinical techniques, personality and behavior development, supervised practice in testing and clinical techniques); one year of successful subcollegiate classroom experience *or* supervised practice in school psychological services, 6.

For the *professional* certificate: Doctor's degree; three years of experience under the provisional certificate.

Other Certificates Issued

16. SUBSTITUTE TEACHER. Valid for day-to-day elementary or secondary substitute teachers (limited in use to not more than 60 days annually in any one teaching position). Requirements: Previous certification in Maine (use restricted to area or level of this certification).

17. CONDITIONAL CERTIFICATES may be issued upon endorsement of a superintendent who wishes to employ an applicant with four years of college. These are valid for one year and renewable upon successful experience and completion of 6 hours of approved study.

18. Persons performing professional referral services, such as nurses, dietitians, dentists, physicians, oculists, psychiatrists, and psychologists, may be certificated on the basis of an appropriate valid state license.

Maryland

State Certification Officers. Howard C. Allison, Assistant Superintendent in Certification and Accreditation; H. David Reese, Assistant Director of Certification and Accreditation; M. Eleanor Rice, Assistant Director of Certification; John C. Metzger, Staff Specialist in Certification, State Department of Education, Box 8717, Friendship International Airport, Baltimore, Maryland 21240.

General Requirements. Minimum age, 18. No fee if the applicant is employed in Maryland or is a graduate of an approved teacher education program in a Maryland institution; $10 for other applicants. Certificates are required of administrators, supervisors, and teachers in all public schools, kindergarten through senior high school, and must be recorded in the office of the county superintendent. Initial certificates are issued for three years and renewable for seven on evidence of professional growth and completion of 6 hours of additional college work or approved in-service study. The initial certificate is the standard professional certificate. After ten years of teaching service the advanced professional certificate, based upon completion of the master's degree or equivalent, is required. Bachelor's degree applicants who have not earned credit within the previous five years (master's degree applicants within the previous ten) must earn 6 hours of acceptable graduate credit.

Credentials To Accompany Application. Evidence of employment and U.S. citizenship; a transcript must be sent by the preparing institution direct to the local superintendent of schools or to the Division of Certification and Accreditation, Maryland State Department of Education.

Reciprocity. A standard professional certificate may be issued to a teacher who (a) has graduated from an NCATE-accredited teacher education program; (b) hold a bachelor's degree in teacher education from an institution with regional accreditation and approval for teacher education by its state department of education and holds a teacher's certificate currently in force and issued within ten years immediately preceding employment in Maryland; (c) holds or is eligible for the initial regular certificate issued within the past ten years by a state whose certification practices have been reviewed by the Professional Standards Board and approved by the Maryland State Board of Education; (d) meets requirements of the Interstate Certification Compact; or (e) qualifies under the reciprocity system of the National Association of State Directors of Teacher Education and Certification.

Applicants not meeting any of these provisions may qualify by completing appropriate requirements listed below.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT. Valid for superintendents and deputy, associate, and assistant superintendents. Requirements: Eligibility for a professional certificate; master's degree; completion of an appropriate two-year graduate program; three years of successful teaching experience and two years of administrative and/or supervisory experience.

2. SUPERVISOR OR PRINCIPAL. Valid for supervisors and principals and assistant and vice-principals. Requirements: Eligibility for a professional certificate; master's degree plus 15 hours, total graduate studies to include supervision, 18, curriculum, 12, and content, 15; 15 hours of the total preparation may be in Maryland State Department of Education approved workshops; three years of successful teaching experience at the appropriate level.

Teachers: Elementary and Secondary

3. ELEMENTARY. Requirements: Bachelor's degree, including general education, 80 (English, 12; social studies, 15, including geography, 3, and history, 9; science, 12, including biological, 3, and physical, 3; mathematics, 6; music, 2; art, 2; physical education, 2); professional education, 26 (foundations of education, including psychological, 6; elementary school curriculum and methods, 12; supervised observation and student teaching, 8, or two years of successful teaching experience).

4. ELEMENTARY, SPECIAL SUBJECTS. Requirements: Bachelor's degree, including professional courses and minimum hours specified in the state certification bulletin.

5. NURSERY SCHOOL, KINDERGARTEN, AND GRADES 1-3. Requirements: Bachelor's degree, including general education, 80 (English, 9; history, 6; geography, 3; mathematics, 3; biological and physical sciences, 3 each; music, 2; art, 2; physical education, 2); professional education, 26 (as in certificate 3 but with curriculum and methods courses in early childhood education and supervised observation and teaching in a combination of nursery school or kindergarten and grades 1-3 or two years of successful teaching experience).

6. HIGH SCHOOL, SPECIAL SUBJECTS. Valid for teaching art, health education, industrial arts, music, and physical education. Requirements:

Bachelor's degree, including 18 hours in professional education as listed in certificate 7 and approximately 30 in the subject to be taught.

7. HIGH SCHOOL, ACADEMIC SUBJECTS. Requirements: Bachelor's degree including professional education, 18 (foundations of education, including psychological, 6; curriculum or principles of secondary education, 3; special methods in subject, 3; supervised observation and student teaching, 6, or two years of successful experience in teaching the subject); and for subject endorsement—English, geography, mathematics, language, chemistry, biology, physics, earth science, 24; high school science, 36 (including 18 in one field and 6 in two others); social studies, 36.

8. VOCATIONAL EDUCATION SUBJECTS. Valid for teaching agriculture, business, business data processing, cooperative vocational education, health occupations, home economics, technical education, trades and industry, and for business or distributive education teacher-coordinator. For required courses and minimum hours see the state certification bulletin or the Maryland State Plan for Vocational Education issued by the State Department of Education.

9. EVENING AND PART-TIME CLASSES. For teachers in high school fields in evening school, requirements are the same as for high school teachers in regular day school. For teachers of vocational adult education in evening school and part-time classes, the applicant must be an authority in the craft, technical field, or occupation in which he is engaged. (For details, see the Maryland State Plan for Vocational Education.) For teachers of avocational subjects, the applicant must be an authority in the craft, technical field, or occupation in which he is engaged.

10. DRIVER EDUCATION. Requirements: Eligibility for a professional certificate; 18 hours in driver and safety education, including 9 in general safety education.

Special School Service Personnel

11. PUPIL PERSONNEL WORKER. Requirements: Eligibility for a professional certificate; three years of satisfactory teaching experience; 24 hours of graduate credit, including human growth and development, 6; sociology, 6; counseling techniques, 3; and 9 from the fields of guidance and the biological, sociological, and psychological sciences.

12. GUIDANCE COUNSELOR. Requirements: two years of teaching or counseling experience at the level of certification, and (a) master's degree in guidance from an institution having a department of guidance; or (b) 30 hours of graduate or postbaccalaureate credit (required—philosophy, principles, and practices of pupil services; psychology of personality, adjustment, and mental health; human growth and development and theories of learning; standardized and nonstandardized methods of pupil appraisal; theories of career development and uses of educational and occupational information; theories and techniques of counseling including supervised practicum; counseling concerning minority groups; (for elementary level) specialized techniques for counseling young children; balance may include disciplines such as anthropology, economics, sociology, and biology; special learning problems; group processes; and organization and administration of pupil services).

13. LIBRARIAN, SECONDARY. Requirements: (a) Master's degree in library science or bachelor's in library science based upon a previous bachelor's degree (including or plus a course in secondary curriculum or adolescent development and a course in the selection of books and materials for young people); or (b) meet requirements for a secondary teacher's certificate; 18 hours in library science (including philosophy and principles of librarianship, organization and administration of libraries, reference, and selection of books and materials for young people); or (c) bachelor's degree plus or including 24 hours in a major academic field, 18 in library science (including philosophy and principles of librarianship, organization and administration of libraries, reference and selection of books and materials for young people), and 15 in professional education (including psychological foundations, secondary curriculum, and 6 in library practice).

14. LIBRARIAN, ELEMENTARY. Requirements: Same pattern as certificate 13 except specified courses in (a) or (b) should be at the appropriate level and alternate (c) should include 80 hours in academic content courses.

NOTE: The above requirements for librarians will be in force until September 1, 1974. Effective that date certificates will be issued for educational media (audiovisual/library) associate (bachelor's degree), generalist or specialist (master's degree), and administrator (master's plus 15 hours), requiring appropriate preparation and experience in educational, media, and information systems.

Other Certificates Issued

Other specialists for whom certificates are issued include teachers of modern foreign languages in the elementary school, outdoor education teachers, reading specialists, reading teachers, speech teachers, teachers of exceptional children, occupational and physical therapists, speech and hearing therapists, psychologists, supervisors of school psychologists, supervisors of school transportation services or of school lunch.

Massachusetts

State Certification Officers. David L. Fitzpatrick, Director of Teacher Certification and Placement; Walter C. Fallon, Supervisor, State Department of Education, 182 Tremont Street, Boston, Massachusetts 02111.

General Requirements. "No person shall be eligible for employment by a school committee as a teacher, principal, supervisor, director, school librarian, audiovisual media specialist, superintendent, or assistant superintendent unless granted a certificate by the Board of Education. This section shall not apply to trade, vocational, temporary substitutes, or exchange teachers. The certificates issued by the Board of Education under these regulations shall be permanent certificates."

Credentials To Accompany Application. Evidence of U.S. citizenship (temporary certificate, valid six years, may be issued on submission of declaration of intention to become a citizen); a physician's certificate stating that the applicant is in good health and free from disease or physical defect which might interfere with his success as a teacher; evidence of a bachelor's degree or graduation from a four-year normal school approved by the Board of Education in accordance with requirements for the certificate requested; transcripts, names and addresses of at least three persons (not relatives) and names of the two most recent employers qualified to give evidence of moral character.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT OR ASSISTANT SUPERINTENDENT OF SCHOOLS. Requirements: Valid Massachusetts elementary or secondary teacher's certificate; bachelor's degree or normal school diploma; undergraduate or graduate program must include minimum of 6 hours in elementary education, 6 in secondary education, and 3 in organization, administration, and supervision of a school system. Courses in elementary and secondary education must be those listed by the preparing institution in official letters or publications.

2. SECONDARY SCHOOL PRINCIPAL. Requirements: Valid Massachusetts secondary teacher's certificate; bachelor's degree or normal school diploma; undergraduate or graduate program must include a minimum of 3 hours in courses approved as preparation for administrative or supervisory service in secondary schools, including junior high schools.

3. ELEMENTARY SCHOOL PRINCIPAL. Requirements: Valid Massachusetts elementary teacher's certificate; bachelor's degree or normal school dipolma; undergraduate or graduate program must include a minimum of 3 hours in courses approved as preparation for administrative or supervisory service in elementary schools.

4. GENERAL SUPERVISOR. Requirements: Bachelor's degree; Massachusetts teacher's certificate valid for service at the grade level for which certification is authorized; 3 hours in undergraduate or graduate courses approved as preparation for supervisory service, including work in supervision of instruction at the appropriate school level(s).

5. SPECIAL SUBJECT SUPERVISOR. Requirements: Bachelor's degree or normal school diploma; Massachusetts teacher's certificate in the special subject field; 3 hours in undergraduate or graduate courses approved as preparation for

supervisory service, including work in supervision of instruction in the special subject field.

6. GUIDANCE DIRECTOR OR SUPERVISOR. Requirements: Bachelor's degree or normal school diploma; teacher's certificate valid in Massachusetts for service in elementary or secondary school; 18 hours of guidance distributed among principles and practices, organization and administration, counseling, tests and measurements, occupational information, placement or personnel administration.

Teachers: Elementary and Secondary

7. ELEMENTARY TEACHERS, K-8. Requirements: Bachelor's degree or normal school diploma; 18 hours in education approved for preparation of elementary teachers, including 2 in student teaching and covering at least two areas chosen from educational psychology (including child growth and development), philosophy of education, methods and materials in elementary education, and elementary curriculum.

8. SECONDARY TEACHERS. Requirements: Bachelor's degree or normal school diploma; 12 hours in secondary education (same areas as certificate 7 except at the secondary level); 18 hours in a major field.

9. TEACHERS OF SPECIAL SCHOOLS AND CLASSES. Requirements: Bachelor's degree or normal school diploma, including 30 hours in education courses (covering industrial arts and/or crafts, psychology of subnormal and unadjusted children, methods in special class, educational measurements, student teaching); *or* three years of classroom experience as a regularly appointed teacher, plus 12 hours (including psychology of subnormal and unadjusted children, special class methods, educational measurements, industrial arts and/or crafts, domestic arts).

10. SPECIAL SUBJECT TEACHERS IN ELEMENTARY AND SECONDARY GRADES. Requirements: Bachelor's degree or normal school diploma; 12 hours in education, including 2 in student teaching and the remainder in two or more appropriate courses chosen from philosophy of education, curriculum development in the special subject field, methods and materials of teaching the field, and educational psychology, including child or adolescent growth and development; 18 hours in the special subject field.

11. TEACHERS OF TRANSITIONAL BILINGUAL EDUCATION. Requirements: Bachelor's degree or normal school diploma; specialization as follows:

a. ELEMENTARY (K-8). 18 hours in elementary education, including at least 6 hours in supervised student teaching in elementary bilingual education, courses in methods and materials in elementary bilingual education, and one of either educational psychology (including child growth and development), philosophy of education, or curriculum development in elementary bilingual education.

b. SECONDARY (junior and senior high school). 12 hours in secondary education, including at least 6 hours in supervised student teaching in secondary bilingual education, courses in methods and materials in secondary bilingual education, and one of either educational psychology (including adolescent growth and development), philosophy of education, or curriculum development in secondary bilingual education; 18 hours in an academic subject.

c. SPECIAL SUBJECTS. 12 hours in education approved for teachers of the special subject, including at least 6 in student teaching at the appropriate level, courses in methods and materials in bilingual education, and one of either educational psychology (including growth and development at appropriate level), philosophy of education, or curriculum development in the special field; 18 hours in the special subject.

d. SPECIAL CLASSES (mentally retarded). 30 hours in education covering methods and materials in bilingual education, psychology of subnormal and unadjusted children, industrial arts and/or crafts or domestic arts, special class methods, educational measurements, and supervised student teaching. Regular teachers of bilingual education may be certificated for transitional bilingual education on three years of experience and 12 hours in psychology of subnormal and unadjusted children, special class methods, educational measurements, and industrial arts and/or crafts or domestic arts.

e. SPEECH AND HEARING HANDICAPPED. 30 hours in education, including 18 in courses for speech and hearing handicapped and clinical practice or student teaching, courses in methods and materials in bilingual education, and three areas from among psychology of handicapped, principles of teaching handicapped, child develpment, adolescent development, guidance, tests and measurements, and mental hygiene.

f. DEAF 30 hours in education completed within six years prior to certification, including methods and materials in bilingual education, specified courses related to teaching the deaf, student teaching, and psychology of exceptional children.

Special School Service Personnel

12. GUIDANCE COUNSELOR. Requirements: Bachelor's degree or normal school diploma; teacher's certificate valid for service in school to be served by the counselor; 12 hours of guidance work, including principles and practices, counseling, tests and measurements, and occupational information.

13. SCHOOL PSYCHOLOGIST. Requirements: Master's degree with a major in psychology, *or* 30 graduate hours with major emphasis in psychology; teacher's certificate valid for service in the public schools of Massachusetts; work in psychology and growth of the normal child, psychology and growth of the exceptional child, advanced psychology of learning, diagnosis of learning difficulties, individual tests and measurements, group tests and measurements, procedures in counseling, and abnormal psychology.

14. TEACHERS OF SPEECH AND HEARING HANDICAPPED. Requirements: Bachelor's degree or normal school diploma; 18 hours distributed among anatomy and physiology of the ear and speech mechanism, speech pathology, speech correction (including laboratory clinical practice or student teaching), speech reading and auditory training (including laboratory clinical practice or student teaching), phonetics, and diagnostic hearing testing; 12 hours in four areas selected from psychology of the handicapped, principles of teaching handicapped children, child development, adolescent development, guidance, educational tests and measurements, mental hygiene.

15. SCHOOL LIBRARIAN. Requirements: Bachelor's or higher degree; degree in library science or 18 hours in library science, including books for children, library organization, reference materials, and classification and cataloging; 12 hours distributed among at least four education courses selected from philosophy, psychology, methods, curriculum, guidance, and reading.

Michigan

State Certification Officers. Edward Pfau, Director of Teacher Education and Certification; Lee B. Lonsberry, Supervisor, Teacher Certification, State Department of Education, P. O. Box 420, Lansing, Michigan 48902.

General Requirements. Minimum age, 18. Certificates are required of all teachers in public and nonpublic schools, kindergarten through grade 12. Certificates must be recorded in the office of the county superintendent if the teacher is to be eligible for public school employment, or in the office of the superintendent in school districts of more than 10,000 population. Provisional certificates are issued for six years and are renewable on 10 s.h. of additional satisfactory credit. Certificates become continuing on 18 hours of appropriate additional credit and three years of appropriate experience.

Credentials To Accompany Application. Form provided by the State Department of Education is an application form with instructions regarding all forms as required by state law. Evidence of U.S. citizenship is required for continuing certification.

Reciprocity. Applicants with out-of-state preparation are certificated on the basis of regional or national accreditation to the extent that credit presented meets certificate requirements, or on the basis of equivalent requirements of other states when an out-of-state teaching certificate is in force, regular, and based on the bachelor's degree.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

Michigan does not issue administrative certificates. The Michigan administrator with instructional or curriculum-related function must hold a Michigan teaching certificate.

1. ELEMENTARY. Valid for teaching in grades K-8 and majors and minors in grade 9. Requirements: Bachelor's degree, including a 30-hour major and one 20-hour minor (group major, 36; group minor, 24), or three minors of 20 hours each (at least two in elementary subject matter fields); professional education, 20 (including history or philosophy of education or equivalent; principles of teaching or equivalent; educational psychology; elementary methods; and student teaching, 6).

2. SECONDARY. Valid for teaching all subjects in grades 7 and 8, major and minor subjects in grades 9-12, and special subjects in grades K-12. Requirements: Bachelor's degree, including a 30-hour major and one 20-hour minor (group major, 36; group minor, 24) in secondary subject matter fields; professional education, 20 (including history or philosophy of education or equivalent; principles of teaching or equivalent; educational psychology; methods in major or minor subject; and student teaching, 6).

3. SPECIAL SUBJECTS. Endorsed on certificate 1 or 2. Requirements: Approved program for the specialized field, including methods and directed teaching at both elementary and secondary levels in that field.

NOTE: Temporary teaching permits are issued only to and on the recommendation of an employing superintendent of schools for persons who have minor deficiencies for the provisional certificates described above and require a notarized affidavit from such superintendent that no fully certificated teacher is available.

Minnesota

State Certification Officer. George B. Droubie, Director of Teacher Certification, State Department of Education, Saint Paul, Minnesota 55101.

General Requirements. Fee, $5. Certificates are required of administrators, supervisors, and teachers in all public schools, nursery through high school, and must be recorded in the office of the local superintendent. Unless otherwise indicated, initial certificates are issued for two years and are renewable up to five years after renewal requirements have been met.

NOTE: Effective July 1, 1973, all applicants for certificates in education to be issued or renewed must have completed a training program containing human relations components approved by the State Board of Education. (Out-of-state applicants will be allowed two years in Minnesota to complete the requirement.) Components will be approved upon submission of evidence:

1. Showing that the human relations components have been developed with participation of members of various racial, cultural, and economic groups.

2. Showing that the human relations components are planned to develop the ability of applicants to (a) understand the contributions and life styles of the various racial, cultural, and economic groups in our society; (b) recognize and deal with dehumanizing biases, discrimination, and prejudices; (c) create learning environments which contribute to the self-esteem of all persons and to positive interpersonal relations; and (d) respect human diversity and personal rights.

3. Relating all of the areas enumerated in Edu 521(b)(2) to specific competencies to be developed.

4. Indicating means for assessment of competencies.

Credentials To Accompany Application. In-state graduates are certified on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates are certificated on the basis of regional or NCATE accreditation of the preparing institution and recommendation for certification by the institution upon satisfactory completion of a program bearing on the certificate requested. Transcripts of in-state and out-of-state applicants for administrative and supervisory certificates may be examined for eligibility. Required: transcript, statement attesting to physical competence and moral fitness, and evidence of successful experience.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT, STANDARD. Valid for two years; renewable once for five years on 12 q.h. earned toward professional certificate. Requirements: Valid teaching or supervisory certificate and three years of experience; master's degree; completion of all but 21 (or fewer) q.h. of graduate credit toward the specialist degree for the professional certificate. The professional certificate must be secured before the eighth year in administration.

2. ELEMENTARY AND SECONDARY PRINCIPALS, STANDARD. Valid as in certificate 1. Requirements: Master's degree in administration, *or* partial completion of a specialist degree program for the professional certificate. The professional certificate must be secured before the eighth year in administration.

3. SUPERVISORY AND CONSULTATIVE PERSONNEL. Requirements: Master's degree in an approved program, *or* completion of at least half of an approved specialist degree program, with major emphasis in the area for which certification is sought; three years of certificated experience in education.

Teachers: Elementary and Secondary

4. ELEMENTARY (REGULAR). Valid for teachers in K-6 (or through grade 8 if grades 7 and 8 are part of the elementary school). Requirements: Bachelor's degree; professional education program.

5. SECONDARY. Valid for teaching endorsed subjects in grades 7-12. Requirements: Bachelor's degree; professional education, 27 q.h. (including 6 in student teaching). The holder may teach subjects or fields in which he has a major or, where the assignment is for one-half time or less during the school day, subjects or fields in which he has either a major or minor. Minors must be upgraded to majors in seven years.

6. SECONDARY (VOCATIONAL). Valid for teachers of endorsed vocational fields. Vocational certificates not based on a college degree will be issued in the fields of trade and industry and for specific courses in the fields of agriculture, home economics, and distributive occupations. Requirements: Applicant must meet standards of the State Plan for Vocational Education in the area to be taught.

7. TEACHERS OF EXCEPTIONAL CHILDREN. Requirements:

a. VISUALLY HANDICAPPED. An elementary or secondary certificate valid for teaching sighted children; proficiency in typing; completion of a program of preparation consisting of 30 q.h. hours in specific areas, of which 20 q.h. must be graduate; institutional recommendation.

b. HEARING IMPAIRED. 15 q.h. hours in specified areas in elementary education; 39 q.h. in the special field; institutional recommendation.

c. EDUCABLE MENTALLY RETARDED. Bachelor's degree with a major for teaching mentally retarded; *or* bachelor's degree with teaching certificate and approved minor in the area; *or* qualifications for valid teaching certificate with two years of experience and a minor in the area.

d. TRAINABLE MENTALLY RETARDED. Valid certificate 7c with special preparation for trainable; *or* valid certificate 7c and approved program in teaching trainable; *or* bachelor's degree, teaching certificate, and approved minor or equivalent with courses in special education; *or* bachelor's degree with major in psychology, sociology, nursing, or related field and approved minor or equivalent with courses in special education.

e. CRIPPLED CHILDREN. Bachelor's degree with a major in elementary or secondary education, an approved minor in the area, and practice teaching in the area; *or* valid graded elementary or secondary teaching certificate with an approved minor or equivalent in the area and two years of successful teaching experience.

f. SPECIAL LEARNING DISABILITIES (emotionally disturbed and socially maladjusted, or learning disabled). Requirements: Valid elementary or secondary teaching certificate; approved program including 30 q.h. in the special area.

g. SPEECH CORRECTION. Bachelor's degree with a major in speech pathology.

8. READING. Requirements: Valid teaching certificate, approved program, and institutional recommendation. For elementary or secondary *remedial* or secondary *developmental reading*—

bachelor's degree, two years of teaching experience, and work in specified areas. For *reading consultant*—master's degree, three years of experience, and work in specified areas.

9. DRIVER EDUCATION Requirements: Teaching certificate; 12 q.h. in principles of safety education and driver and safety education I and II.

10. ATHLETIC COACH (head football, basketball, baseball, track, hockey, or wrestling coach). Requirements: Physical education major or minor; *or* 9 q.h. in specified areas, including principles of physical education.

Special School Service Personnel

11. SCHOOL SOCIAL WORKER. Requirements for *Level I* certificate: Bachelor's degree with appropriate major and two years of experience in social work or social welfare position in a social service agency. For *Level II* certificate: master's degree in social work and one year of field experience in a school social setting; *or* master's degree in social work and one year of school experience; *or* master's degree and two years of experience in social work.

12. PUBLIC SCHOOL NURSE. Requirements: Registration as a licensed registered nurse in Minnesota; certification as a public health nurse for those who qualify; bachelor's degree. (Permissive regulation.)

13. AUDIOVISUAL. Requirements: *Director*—valid teaching certificate, two years of experience, four courses in educational subjects, and 10 s.h. in the field. *Coordinator*—valid teaching certificate, two courses in educational subjects, and two courses in the field.

14. COUNSELOR. Requirements: Teaching certificate and at least one year of experience (two or more preferred); master's degree program in counselor education or equivalent; institutional recommendation; one year of work experience outside of education.

15. SCHOOL PSYCHOLOGIST. Requirements for *Level I* certificate: master's degree in approved program. For *Level II* certificate: educational specialist degree or equivalent in approved program.

16. RECREATION DIRECTOR. Requirements: *Full-time director*—bachelor's degree with major in recreation leadership. *Part-time director*—teaching certificate and 8-9 q.h. in professional recreation work areas; *or* student recreation major in preparation, with 9 q.h. in professional recreation work areas.

17. LIBRARIAN. Requirements: Approved college minor in library science.

18. MEDIA GENERALIST (print and non-print areas). Effective July 1, 1974. Requirements: Valid Minnesota elementary or secondary teaching certificate and two years of experience; completion of approved program of 36 q.h. in media and related fields.

18. MEDIA SUPERVISOR (print or non-print areas). Effective July 1, 1974. Requirements: Valid continuing certificate as media generalist or equivalent, *or* completion of requirements for entrance certificate and three years of supervisory experience as a media professional (library or audiovisual); three years of experience in areas of media under valid certificate; master's degree in an approved program, including at least 18 q.h. in media.

Mississippi

State Certification Officer. Russell J. Crider, Supervisor, Teacher Education, Certification, and Placement, State Department of Education, State Office Building, Jackson, Mississippi 39205.

General Requirements. Minimum age, 18. Applicants for certification are required to take the National Teacher Examinations. Certificates are required of professional employees of public schools and must be registered with the appropriate county or city superintendent of schools. Class A certificates are valid for five years, renewable once for five years. Class AA certificates are valid for ten years and renewable for ten years. Expired certificates are renewable on 6 additional credit hours.

Credentials To Accompany Application. Statements of U. S. citizenship and of legal age; health certificate from physician; official transcript and recommendation to be sent directly by the preparing institution.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. ADMINISTRATOR, CLASS AAA. Valid for superintendents or assistant superintendents for life during continuous service; invalid if the holder is out of service for five consecutive years. Requirements: Doctor's degree in school administration; five years of successful administrative experience.

2. ADMINISTRATOR, CLASS AA. Valid for superintendents or assistant superintendents. Requirements: Master's degree, including 18 hours in administrative and supervisory fields; two years of successful teaching experience; eligibility for Class A teacher's certificate.

3. SUPERVISOR, CLASS AA. Endorsed for elementary or secondary principal, special subject supervisor, or guidance counselor. Requirements: Master's degree, including 12 hours in school administration and/or supervision for the appropriate level; two years of successful teaching experience; eligibility for Class A teacher's certificate for the appropriate level.

Teachers: Elementary and Secondary

4. ELEMENTARY, CLASS A. Certificates valid for teachers of grades 1-8 issued prior to September 1, 1972 are renewable on that basis; holders are encouraged to meet requirements for K-3 or 4-8 when earning renewal credit. Effective September 1, 1972, elementary certificates are endorsed for K-3 or 4-8. Requirements: Bachelor's degree; general education, 48 (English, 12; science, 12 (biological, 3; physical, 3); mathematics, 6; social studies, 12 (6 in world and/or American history); speech, 3; personal hygiene, 3); appropriate specialized and professional education, 39; subject or special area of concentration, 12-18 (one area for K-3, two for 4-8).

5. ELEMENTARY, CLASS AA. Valid as in certificate 4. Requirements: Eligibility for certificate 4; master's degree patterned for elementary teachers, including 18 hours in education (12 in the special area).

6. SECONDARY SCHOOL, CLASS A. Valid for teaching endorsed subjects in grades 7-12. Requirements: Bachelor's degree; general education as described in certificate 4; professional education, 18 (educational psychology, 3; human growth and development, 3; general secondary methods, 3; other secondary methods, 3; directed teaching, 6, or a year of experience at the elementary level). Specialization: Vocational agriculture, 63; business education, 34; distributive education, 27; English, 30 (including American and English literature, Shakespeare, and advanced grammar and effective writing); foreign language, 18 (may be reduced 6 hours by 2 high school units); vocational home economics, 35, nonvocational, 30; industrial arts, 30; mathematics, 24 (15 in algebra, trigonometry, analytical geometry, and calculus); psychology, 30; science, 48 (biology, chemistry, physics); one science endorsement, 32, including prescribed hours for the subject taught; general science endorsement, 32 in any science; social studies, 30 (including world, American, and state history, economics, government, and geography); speech, 24; trade and industrial education, 27.

7. SECONDARY, CLASS AA. Valid as in certificate 6. Requirements: Eligibility for certificate 6; master's degree, including 15 hours in the endorsed subject.

8. SPECIAL SUBJECT, CLASS A. Valid for teaching endorsed subject in grades 1-12. Requirements: Same as certificate 6, with professional education emphasizing both elementary and secondary levels. Specialization: art, 30; health and physical education, 15 in each area; music, 28; instrumental, vocal, or applied music, 44 (second endorsement granted on completion of half of the requirements for that endorsement); special education, 3 each in psychology of exceptional children and speech correction and 12 in the specialty.

9. SPECIAL SUBJECT, CLASS AA. Valid as in certificate 8. Requirements: Master's degree, including 15 hours in the area of endorsement.

Special School Service Personnel

10. COUNSELOR, CLASS AA. Requirements: Hold or qualify for Class A teacher's certificate at appropriate level; master's degree, including 18 hours in individual analysis, educational and occupational information, counseling process, and administrative relationships; two years of successful teaching experience.

11. LIBRARIAN, CLASS A. Valid for grades 1-12. Requirements: Bachelor's degree, including general and professional education as described in

certificate 6, except work must include both elementary and secondary levels; specialization, 24 (books and related materials for children and young people, 6; library administration, 6; electives, 12).

12. LIBRARIAN, CLASS AA. Valid as in certificate 11. Requirements: Class A teacher's certificate; master's degree, including 24 hours in library science; *or* master's degree, including 15 hours in library science, provided the applicant holds certificate 11 or has a fifth-year degree in library science.

Other Certificates Issued

13. VOCATIONAL TRADES TEACHER, CLASS A. Requirements: Minimum of 60 college hours, including general and professional education as required for certificate 6, plus 24 months of trade experience on the journeyman level in the trade in which certification is desired.

Missouri

State Certification Officer. Paul R. Greene, Director of Teacher Education and Certification, State Department of Education, Jefferson City, Missouri 65101.

General Requirements. No minimum age or fee. Applicant must furnish a health certificate to the employing school district but not to the state office as prerequisite to certification. Certificates are required of administrators, supervisors, and teachers in public schools, including junior colleges, and in special state schools (schools for the blind and deaf, schools of correction). The University of Missouri and the state colleges and universities are authorized to grant life certificates to their graduates with bachelor's degrees in education; county superintendents are authorized to issue third-grade certificates by examination.

NOTE: "After July 1, 1976, no person shall be granted a certificate of license to teach in the public schools of this state . . . unless he has satisfactorily completed a course of two or more semester hours in the psychology and education of the exceptional child."—HB370, enacted 1973.

Credentials To Accompany Application. Official transcript and institutional recommendation.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SUPERINTENDENT. Requirements: Certificate 4 or 5; educational specialist degree or certificate based on a two-year NCATE-approved graduate program for school superintendency.

2. SECONDARY PRINCIPAL. Requirements: Certificate 5; master's degree with 20 hours in secondary school administration and supervision, including 2 each in administration, supervision, and curriculum; educational specialist degree or certificate based on an appropriate two-year NCATE-approved graduate program is required for secondary principals in AAA districts.

3. ELEMENTARY PRINCIPAL. Requirements: Certificate 4; master's degree with 20 hours in elementary school administration and supervision, including 2 each in administration, supervision, and curriculum; in AAA districts, a principal who directs the elementary school system (director of elementary education) must have an educational specialist degree or certificate based on an appropriate two-year NCATE-approved graduate program.

Teachers: Elementary and Secondary

4. ELEMENTARY. Valid for life for teachers in grades K-8 (and may be extended for departmentalized classes in junior high schools when standards are met for a specific subject as indicated in certificate 5). Requirements: Bachelor's degree; elementary education, 53 (language arts, 12, including 5 in composition, rhetoric, and grammar, 2 in children's literature, and 5 in elective English or speech; social studies, 12, including 5 in American history, 2 each in American government and geography, and 3 elective; art and music, 6; health and physical education, 4; mathematics, 7, including 2 elementary and 5 elective); professional education, 18 (educational psychology, child psychology, child growth and development, etc., 4-5; history or philosophy of education, foundations of education, organization and management, etc., 2-3; methods, including teaching, reading or language arts, 4-5; student teaching, 5).

5. SECONDARY. Valid in grades indicated below; may be extended for additional subjects in departmentalized grades K-9 or 7-9 when stand-

ards are met. Requirements: Bachelor's degree; general education, 40 (with credit in at least three areas selected from English, social studies, mathematics, natural science, foreign language, and humanities); professional education, 18 (the pupil, 4-5; the school, 2-3; methods or techniques, 4-5; student teaching, 5); teaching field requirements as follows:

a. GRADES 7-12. Agriculture (general), business education, English, speech and dramatics, home economics, industrial arts, or mathematics, 30; driver education (permanent elementary or secondary certificate prerequisite) or journalism, 15; science, 30 in the field, including 20 in chemistry, physics, biological science, or earth science to teach the particular subject; social studies, 40.

b. GRADES 7-9. Agriculture (general), English, speech and dramatics, mathematics, science, or social studies, 21; journalism, 10.

c. GRADES K-9. Art, home economics (grades 1-9), health and physical education (1-9), or industrial arts (1-9), 21; foreign language, 21, including 18 in the language taught (or 18 and 2 or more high school units); music, 24 for instrumental or vocal or 28 for both.

d. GRADES K-12. Art or health and physical education, 30; music, 36 for instrumental or vocal or 40 for both; foreign language, 30, including 24 in the language taught (or 24 and 2 or more high school units).

6. SECONDARY, ALLIED ARTS. Effective September 1, 1974. Requirements: Permanent certification for grades K-12 in art or music and 6 hours in the noncertificated area, plus 6 each in literature and related arts (encompassing comprehensive approaches to music, art, literature, and drama; senior-graduate credit recommended); *or* permanent certification for grades 7-12 in English, plus 6 hours each in art, music, and related arts (as above).

7. SECONDARY, VOCATIONAL SUBJECTS. Requirements: Bachelor's degree, plus other varied requirements. Applicants may write to the state director of vocational agriculture, homemaking education, distributive education, or industrial education.

8. SPECIAL EDUCATION. Requirements: Bachelor's degree; professional education, 18 (educational psychology, reading, arithmetic, child or adolescent psychology, interpretation of tests and measurements, electives); 30 hours in the special area.

Special School Service Personnel

9. GUIDANCE. Requirements: Master's degree, including general and professional education as in certificate 4 or 5; two years of teaching experience, and for secondary level, one additional year of experience other than teaching. Minimum professional training must include specified areas; for further information, write to the State Director of Guidance Services at the Missouri State Department of Education.

10. LIBRARIAN. Effective September 1, 1974. Requirements: Bachelor's degree; eligibility for Missouri permanent elementary or secondary teaching certificate; graduate or undergraduate credit in library science, 18.

11. INSTRUCTIONAL MEDIA TECHNOLOGIST. Effective September 1, 1974. Requirements: Eligibility for permanent elementary or secondary Missouri teaching certificate; bachelor's degree; 18 hours of graduate or undergraduate credit in instructional media technology courses.

12. LEARNING RESOURCES DIRECTOR. Effective September 1, 1974. Requirements: Eligibility for permanent elementary or secondary Missouri teaching certificate and for certificates 10 and 11; master's degree in library science, instructional media technology, or education; two years of experience as instructional media technologist or school librarian.

13. REMEDIAL READING TEACHER (ELEMENTARY OR SECONDARY). Requirements: Bachelor's degree; valid teaching certificate other than reading; two years of teaching experience; 12 hours in the special area at the appropriate level (3 graduate or undergraduate credits each in diagnosis and remediation practicums).

Other Certificates Issued

14. SHORT-TERM (TWO-YEAR) ELEMENTARY OR SECONDARY. The *elementary* certificate may be issued to a person having a bachelor's degree from an institution which offers an elementary education program but lacking some of the specific courses required. The applicant must have a minimum of 5 hours of required professional education with overall deficiencies of not more than 12 hours. Deficiencies for the *life secondary* certificate may total no more than 8 s.h. in the subject matter area and no more than 12 overall.

Montana

State Certification Officer. Pat Waddell, Certification Services Manager, Office of the Superintendent of Public Instruction, Helena, Montana 59601.

General Requirements. Minimum age, 18. Initial fee, $2; $2 for each year of certificate validity. U.S. citizenship (qualified aliens may be provisionally certified on request of the hiring district). Certificates are required of administrators, supervisors, and teachers in public elementary and secondary schools, and in nonpublic elementary and secondary schools seeking state accreditation. Certificates are issued for two or five years and are renewable on completion of appropriate credit and experience requirements.

Credentials To Accompany Request for Application Materials. Legible transcripts. Final application requires health certificate, including tuberculin test, and college or university recommendation. Experience verification is required for certificate renewal and for initial Class 1 and 3 certification.

Certificates and Requirements

Administrators and Supervisors

1. CLASS 3 ADMINISTRATIVE. Endorsements as follows:

a. SUPERINTENDENT. Requirements: Master's degree; eligibility for class 1 or 2 teaching certificate; 16 graduate credits in professional education, including 8 each in elementary and secondary (if not covered in prior preparation), and courses in school administration and finance, curriculum, supervision, and student personnel; three years of successful elementary and/or secondary teaching experience.

b. ELEMENTARY PRINCIPAL. Requirements: Master's degree; eligibility for class 1 or 2 teaching certificate with elementary endorsement; 10 graduates credits in professional education, including 6 in elementary and courses in general and elementary school administration, curriculum or supervision, and student personnel; three years of successful elementary and/or secondary teaching experience.

c. SECONDARY PRINCIPAL. Requirements: Master's degree; eligibility for class 1 or 2 teaching certificate with secondary endorsement; approved professional education, 10 graduate credits, including 6 in secondary education, courses in school administration, one course in secondary curriculum or supervision and one in student personnel; three years of successful elementary and/or secondary teaching experience.

d. SUPERVISOR. Requirements: Master's degree in special area to be endorsed or in appropriate professional programs for general endorsement; 10 graduate credits of professional education in supervision, curriculum, and methods in area to be endorsed; three years of successful elementary and/or secondary teaching experience.

Teachers: Elementary and Secondary

2. CLASS 2 TEACHING (STANDARD). Requirements: Completed teacher education program; bachelor's degree; institutional recommendation; completion of 8 or more credits within the preceding five years. Secondary endorsement requires a 30-hour teaching major, a 20-hour minor, and a 16-hour professional sequence which includes student teaching.

3. CLASS 1 TEACHING (PROFESSIONAL). Requirements: Eligibility for certificate 2; master's degree or college-approved fifth-year program; three years of successful elementary and/or secondary school experience.

Other Certificates Issued

4. CLASS 4 (SPECIAL). Issued for vocational, recreation, and adult education teachers presenting training and experience required by the U.S. Office of Education or by special needs of these fields.

5. CLASS 5 (PROVISIONAL). Issued (a) to applicants for elementary endorsement who have a bachelor's degree and a partially completed program in elementary education; (b) to applicants for secondary endorsement who have a bachelor's degree, a developed teaching field in a subject commonly taught in high school, and 6 s.h. in professional preparation; and (c) to applicants for administrative certification who have completed a master's degree and a program in school administration but who may not meet Montana's specific course requirements.

Nebraska

State Certification Officer. Gerald Sughroue, Administrator of Teacher Education and Certification, State Department of Education, Lincoln, Nebraska 68508.

General Requirements. U.S. citizenship, except that provisional certificates may be issued to exchange students or other qualified aliens if there is a demonstrated need for their services and if their residence is insufficient for eligibility for citizenship. Fee, $8; $2 for nonpublic school certificates. Certificates are required of teachers, supervisors, counselors, and administrators in all public, nonpublic, and state-operated schools. They are valid as indicated and renewable on credit and experience.

Any regular Nebraska certificate in force on January 1, 1964, may, at its expiration, upon application, be converted to a similar certificate described below when authorized by the State Board of Education.

Reciprocity. Requirements for reciprocal certification are as indicated for a particular certificate.

Credentials To Accompany Application. Legible transcripts bearing the seal of the issuing institution; proof of citizenship; verification of successful teaching experience when required.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. STANDARD ADMINISTRATIVE AND SUPERVISORY. Valid for ten years for teaching, administration, and supervision, grades K-12 (must be endorsed for superintendency). Requirements: Three years of verified successful teaching experience or the equivalent; master's degree or 36 hours of graduate credit in an approved sixth-year program in administration and/or supervision, a stated area of administrative or supervisory specialization, fulfillment of all appropriate standards of the institution, and completion of 6 graduate hours within the preceding three years. *Reciprocity* requirements: Possession of a valid similar certificate currently in force from another state which has comparable requirements and verification of either one year of successful experience under such a certificate or 6 hours of approved graduate credit within the preceding three years.

2. PROFESSIONAL ADMINISTRATIVE AND SUPERVISORY. Valid for life (may lapse after ten consecutive years of nonuse). Requirements: Same as for certificate 1, plus completion of a sixth-year program for administrative or supervisory specialization, fulfillment of all appropriate standards of the institution, and completion of 6 graduate hours within the preceding three years. *Reciprocity* as for certificate 1.

3. PROVISIONAL ADMINISTRATIVE AND SUPERVISORY. Valid for three years for teaching, supervision, and administration. Requirements: Option A—Evidence of having held a Nebraska administrative and supervisory certificate within the preceding five years and certification by a standard institution that the applicant is enrolled and in good standing in a program leading to certificate 1 or 2. Option B—A request for issuance of the certificate from the superintendent or school district in which the applicant is to be employed, a valid certificate 5 or 6, certification by a standard institution that the applicant is in good standing and has completed 75 percent of a program leading to certificate 1 (25 percent if at the same level as the teaching certificate held), recommendation by the institution, and written evidence of ability and intention to meet the requirements for certificate 1 with endorsements appropriate to the position to be filled. Certificates qualified for under Option B may not be endorsed for superintendency and may not be renewed but may be extended for one year in cases of undue hardship upon approval of the Commissioner of Education.

Teachers: Elementary and Secondary

4. PRESTANDARD TEACHING. Valid for five years for teachers of grades K-12. Requirements: Bachelor's degree in an approved program; institutional recommendation; completion of 6 hours of work within the preceding three years. *Reciprocity* requirements: Same as for certificate 1, with specification of grade levels, subjects, fields, and areas and evidence that experience has been at the levels and in the subjects for which certified.

5. STANDARD TEACHING. Valid for ten years for teachers of grades K-12. Requirements: Same as for certificate 4, plus three years of verified teach-

ing experience at appropriate levels and in endorsed subjects within the preceding five years. Two of the three years must have been in one school.

6. PROFESSIONAL TEACHING. Valid for life (may lapse after ten consecutive years of nonuse) for teachers of grades K-12. Requirements: Same as for certificate 4, plus completion of an approved master's degree or fifth-year program in the teaching field, and completion of 6 hours of work within the preceding three years. *Reciprocity* requirements: Certification by a state department of education or appropriate agency that the applicant holds the highest teaching certificate issued by the state, the requirements for which are comparable to those stated above.

Special School Service Personnel

7. SPECIAL SERVICES. Valid for from one to ten years, depending upon rank, and only as endorsed. Its use in any other assignment is a violation of statute. Requirements: Completion of a preparation program in the service area and orientation to the performance of the service in schools to the appropriate degree.

Other Certificates Issued

8. PROVISIONAL TEACHING. Rural elementary, junior elementary,[3] and commitment certificates are issued for from one to three years for specifically endorsed grades, subjects, fields, and areas in designated classes of school districts upon evidence of partial completion of an approved teacher education program (minimum 60 s.h.), including specified amounts of general and professional education. Such certificates are renewable on evidence of continuing work in the program. Elementary teachers in accredited schools must hold certificates based on degree preparation.

Provisional trades certificates for teaching instructional areas for which ordinary standard institutions provide inadequate preparation are issued on evidence of a valid license to practice or teach commercially and on the request of a superintendent.

9. SUBSTITUTE TEACHING. Valid for five years for teaching in lieu of a regular teacher under contract, intermittently up to 75 days per school year in all grades, subjects, fields, or areas (except that certificates based upon less than baccalaureate preparation are valid only as endorsed). Requirements: Evidence of having held an elementary or secondary prestandard teaching certificate or its equivalent from another state based on at least 60 hours of college credit.

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[3] No longer initially issued but can be renewed if held in force during immediate past five years.

Nevada

State Certification Officer. Robert L. Lloyd, Associate Superintendent, Division of Operations, State Department of Education, Carson City, Nevada 89701.

General Requirements. Minimum age, 18. Fee, $3. Applicants must take courses, or pass examinations within one year, in U.S. Constitution (required if subject was not included in undergraduate program) and Nevada school law and Constitution. Certificates are required of all teachers and administrators in public and private schools and of special school service personnel for whom certification standards have been established, and must be filed with the county superintendent before the opening of the school year. Unless otherwise indicated, bachelor's degree certificates are valid for five years, master's degree for six years; renewable on 6 and 3 hours of credit respectively, or equivalent.

Credentials To Accompany Application. Evidence of legal age and citizenship; health certificate, including tuberculin, eye, and hearing tests; oath of allegiance; official transcript; fee.

CERTIFICATES AND REQUIREMENTS

One certificate form is used and endorsed for the field of specialization.

Administrators and Supervisors

1. ADMINISTRATOR. Requirements: Valid elementary or secondary teaching endorsement; master's degree, plus 15 additional hours of graduate work; completion of required course work for elementary and secondary principal endorsements; three years of experience in public school administration. For *professional* endorsement, three years of experience and 30 hours beyond the master's degree in an approved program for the preparation of educational specialists.

2. ADMINISTRATOR, TEMPORARY. Valid three years; not renewable; holder must complete requirements for elementary or secondary principal or administrator endorsement. Requirements: Valid teaching endorsement at the appropriate level; bachelor's degree; 16 graduate hours in administration (at least five fields chosen from public school administration and organization, supervision of instruction, curriculum development and evaluation, research or statistical methods, school finance, school facilities planning and maintenance, and philosophy or foundations of education); three years of teaching or supervisory experience.

3. ELEMENTARY PRINCIPAL. Requirements: Valid elementary teaching endorsement; three years of elementary teaching, supervisory, or administrative experience; master's degree; 16 graduate hours in administration course work for elementary level.

4. SECONDARY PRINCIPAL. Requirements. Valid secondary teaching endorsement; three years of secondary teaching, supervisory, or administrative experience; master's degree; 16 graduate hours in administration course work for secondary level.

5. SUPERVISOR, CURRICULUM AND INSTRUCTION. Requirements: Valid elementary or secondary teaching endorsement (special subject supervisor, endorsement appropriate to field of supervision) and three years of experience; master's degree with advanced course work in the supervisory field and in professional education. For *professional* endorsement, an additional 15 graduate hours.

Teachers: Elementary and Secondary

6. ELEMENTARY, LIMITED. Valid for five years for grades K-6 and self-contained grades 7-8; not renewable. Requirements: Bachelor's degree and completion of 18 hours in elementary professional education, including 6 in student teaching.

7. ELEMENTARY. Valid for grades K-6 and self-contained grades 7-8. Requirements: Bachelor's degree and completion of an approved program for elementary teachers; *or* bachelor's degree with 30 hours in professional elementary education, including 6 in student teaching (or two years of experience). For *professional* endorsement, three years of experience and a master's degree or completion of a fifth-year program.

8. SECONDARY. Valid in departmentalized grades 7-8, junior high schools and senior high schools. Requirements: Bachelor's degree and completion of an approved program for secondary teachers; *or* bachelor's degree with a teaching field major (single subject, 24; comprehensive or diversified field, 36); professional education, 20, including 6 in student teaching (or two years of experience). For *professional* endorsement, three years of experience and a master's degree or completion of a fifth-year program.

9. SPECIAL FIELDS. There are specific endorsements for art (elementary and secondary), driver education, physical education (elementary and secondary), librarian-teacher, music education (elementary and secondary), and reading specialist. Requirements are patterned after elementary and secondary endorsements.

10. SPECIAL EDUCATION. Valid for elementary or secondary schools for teaching blind or partially sighted, deaf and hard-of-hearing, emotionally and socially maladjusted, mentally retarded, physically handicapped, speech correction, or gifted. Requirements: Bachelor's degree in an approved program; *or* bachelor's degree, valid teaching endorsement, two years of experience, and specified preparation depending on the specialization. For *professional* endorsement, master's degree and experience.

Special School Service Personnel

11. LIBRARIAN. Requirements: Bachelor's degree from an institution accredited for preparation of librarians and completion of an approved program; *or* bachelor's degree, valid teaching endorsement, and library science, 24.

12. SCHOOL CASE WORKER. Requirements: Bachelor's degree; valid teaching endorsement;

three years of teaching and/or social work experience; 24 hours in psychology, education, sociology and social problems, guidance and counseling, and social case work. For *professional* endorsement, three years of experience and 12 graduate hours.

13. SCHOOL SOCIAL WORKER. Requirements: Master's degree in social work from an institution accredited by the American Council on Social Work Education. For *professional* endorsement, in addition to the above, a valid Nevada teaching certificate or completion of 240 clock hours of public school internship.

14. SCHOOL NURSE. Requirements: Valid Nevada RN license; bachelor's degree in public health nursing, including a program approved by the National League for Public Health Nursing; *or* bachelor's degree and completion of course work content in a program approved by the NLPHN. For *professional* endorsement, master's degree and two years of experience.

15. ELEMENTARY COUNSELOR. Requirements: Bachelor's degree and completion of an approved appropriate program; *or* valid teaching endorsement based on the bachelor's degree, two years of teaching experience, and 18 hours (12 graduate) in counselor preparation; *or* completion of a counselor education program which includes a bachelor's degree and specified elementary professional education and 18 hours (12 graduate) in counselor preparation. For *professional* endorsement, master's degree or equivalent, with specified preparation.

16. SECONDARY COUNSELOR. Requirements: Bachelor's degree and completion of an approved appropriate program; *or* valid teaching endorsement, one year of teaching experience and 12 months of cumulative work experience, and 18 hours (12 graduate) in counselor preparation. For *professional* endorsement, two years of experience and a master's degree or equivalent in an approved program, with specified preparation.

17. SCHOOL PSYCHOLOGIST. Requirements: Master's or doctor's degree and completion of an approved appropriate program; *or* completion of at least 50 hours of specified preparation (including 36 graduate). For *professional* endorsement, three years of experience and completion of 60 hours (50 graduate) in an approved program.

18. SCHOOL PSYCHOMETRIST. Requirements: Master's degree in an approved program; *or* master's degree with major emphasis in educational psychology, guidance and counseling, or psychology and completion of specified course work. For *professional* endorsement, three years of experience and 15 additional graduate hours in specified course work.

19. STAFF SPECIALIST. Valid for research and development, consultant, educational data processing, and educational media, including TV. Requirements: Bachelor's degree; three years of experience in the field of specialization. For *professional* endorsement, master's degree or 32 hours in the field, and three years of experience in a public school district.

Other Certificates Issued

20. ELEMENTARY, TEMPORARY. Valid for five years; nonrenewable. Issued only upon the request of a county superintendent and approval of the State Department of Education to persons enrolled in a program leading to the bachelor's degree, having completed a minimum of 96 hours, including 6 in student teaching.

21. SUBSTITUTE. Valid for five years; renewable. Limited to 20 days of consecutive service, with exceptions. Requirements: For elementary level, 62 hours, including 6 in elementary education; for secondary level, bachelor's degree, including 6 hours in secondary education.

New Hampshire

State Certification Officer. Harvey F. Harkness, Jr., Director of Teacher Education and Certification, State Department of Education, Concord, New Hampshire 03301.

General Requirements. Fee, $10. Certificates are required of teachers, administrators, supervisors, and special service personnel in public elementary and secondary schools. Certificates are issued for five years to persons who have three years of experience and are renewable upon recommendation of the superintendent of schools.

Credentials To Accompany Application. Transcript, application form, fee, and recommendation from the preparing college. If applying under reciprocal agreements, candidate must supply a copy of the valid credential held in another state.

Certificates and Requirements

Administrators and Supervisors

1. SUPERINTENDENT, PROFESSIONAL. Requirements: Completion of State Board of Education approved program, *or* master's degree plus 30 hours (school finance, personnel, plant planning, curriculum development, public relations, law, administration, business management, and supervision) and five years of public school experience, including three in administration and/or supervision.

2. ASSISTANT SUPERINDENDENT, PROFESSIONAL. Requirements: Completion of State Board of Education approved program, *or* master's degree plus 15 hours in course work required for the superintendency and five years of public school experience, including three in administration and/or supervision.

3. ELEMENTARY OR SECONDARY PRINCIPAL. Requirements: Completion of State Board of Education approved program, *or* master's degree or equivalent, including work in curriculum development, educational evaluation, administration and supervision; three years of successful experience as a teacher at the grade level for which certification is sought.

4. GUIDANCE DIRECTOR. Requirements: Completion of State Board of Education approved program, *or* master's degree or equivalent; 21 hours in guidance and counseling, including organization and administration of a guidance program.

5. READING SUPERVISOR. Requirements: Completion of State Board of Education approved graduate program leading to a master's degree or equivalent in the field of reading.

6. TEACHER CONSULTANT. Requirements: Completion of State Board of Education approved program, *or* master's degree plus 15 hours and three years of service in the public schools.

7. SUPERVISOR OF SCHOOL NURSES. Requirements: Master's degree in nursing; active RN.

Teachers: Elementary and Secondary

8. STANDARD CERTIFICATE, STANDARD LICENSE. Requirements: Completion of State Board of Education approved program or individualized program developed and sponsored by the employing school district and the State Department of Education.

Special School Service Personnel

9. GUIDANCE COUNSELOR. Requirements: Completion of State Board of Education approved program, *or* master's degree or equivalent, including 21 hours in guidance and counseling.

10. SCHOOL LIBRARIAN. Requirements: Completion of State Board of Education approved program, *or* bachelor's degree, including 24 hours in library science and 6 in professional education.

11. SOCIAL WORKER. Requirements: Bachelor's degree in social work or allied field.

New Jersey

State Certification Officer. Ward Sinclair, Director, Bureau of Teacher Education and Academic Credentials, Division of Field Services, State Department of Education, 225 West State Street, Trenton, New Jersey 08625.

General Requirements. Minimum age, 18. Fee: $20 for first instructional authorization, $10 for each additional authorization; $20 for each administrative, supervisory, and educational service authorization. Certificates are required of public school administrators, supervisors, teachers, and service personnel.

Credentials To Accompany Application. Statement of U.S. citizenship or having applied for citizenship; statement of legal age; oath of allegiance; official transcript.

Reciprocity. Under certain conditions graduates of approved out-of-state teacher education programs and experienced and certificated personnel from other states may be certificated in New Jersey without meeting the specific requirements outlined for each certificate. New Jersey is a member of the reciprocity system of the National Association of State Directors of Teacher Education and Certification, the Northeastern States Elementary Reciprocity Compact, and the Interstate Agreement on Qualification of Educational Personnel. New Jersey recognizes graduates of out-of-state teacher education programs approved by the National Council for Accreditation of Teacher Education provided the program is within a specified number of credits of meeting New Jersey requirements.

Certificates and Requirements

Administrators and Supervisors

1. SCHOOL ADMINISTRATOR. Required for superintendent; valid for assistant superintendent, principal, or supervisor. Requirements: Regular New Jersey teaching certificate or equivalent and three years of successful experience; master's degree; three years of successful administrative or supervisory experience under appropriate New Jersey certificate or equivalent, at least half-time in administrative or supervisory duties (one year will be waived for doctor's degree and one year of internship may be included); completion of (a) New Jersey-approved curriculum, or (b) program in school administration, supervision, curriculum development, learner and learning process, and academic disciplines related to administration (including 30 graduate hours in addition to those required for a regular teacher's certificate), or (c) out-of-state NCATE-approved doctorate or specialist degree program for school administrators.

2. PRINCIPAL. Required for principal or vice-principal; valid for assistant superintendent. Requirements: Regular New Jersey teaching certificate or equivalent and three years of successful experience; master's degree; completion of (a) New Jersey-approved curriculum, or (b) program as in Certificate 1 (including 24 graduate hours), or (c) out-of-state NCATE-approved master's degree program in administration.

3. SUPERVISOR. Required for supervisor (any school officer responsible for direction and guidance of instructional personnel) who does not hold administrator endorsement; valid for assistant superintendent in charge of curriculum and/or instruction. Requirements: Regular New Jersey teaching certificate or equivalent and three years of successful experience; master's degree; completion of (a) New Jersey-approved curriculum, or (b) college program which includes 12 graduate hours in supervision and curriculum development, or (c) out-of-state NCATE-approved master's degree program in administration.

4. ASSISTANT SUPERINTENDENT IN CHARGE OF BUSINESS. Requirements: Bachelor's degree; three years of teaching experience; completion of (a) New Jersey-approved curriculum, or (b) college program which includes 30 hours in administration of public education, supervision of instruction, curriculum, school business administration, school buildings, school finance, school law, and accounting.

5. SCHOOL BUSINESS ADMINISTRATION. Requirements: Regular New Jersey teaching certificate and three years of experience, or New Jersey-approved business training and experience; completion of (a) New Jersey-approved bachelor's degree program, or (b) bachelor's degree, including 30 hours in school business administration, school buildings (planning, construction, maintenance), school finance, school law, accounting, organization and administration of public education, and public school curriculum.

Teachers: Elementary and Secondary

6. NURSERY SCHOOL. Required for teaching in nursery schools established as part of the public school system; valid for kindergarten. Requirements: Bachelor's degree; completion of (a) New Jersey-approved curriculum, or (b) program which includes 24 hours in specialized nursery school training (including child development, curriculum and methods, student teaching) and 45 hours in general education, or (c) regular New Jersey teaching certificate in another field and 6 credits in nursery school training (including curriculum and methods).

7. ELEMENTARY. Required for teaching grades K-8; valid for teaching art, music, health, home economics, industrial arts, or physical education up to half-time in elementary grades and for teaching reading, arithmetic, writing, and spelling in grades 7-12. Requirements: Bachelor's degree; completion of (a) New Jersey-approved curriculum, or (b) program which includes 24 hours in

elementary education, professional education, student teaching, and 45 hours in academic subject matter, or (c) regular teaching certificate in another field and courses in methods of teaching creative arts, health and physical education, language arts, mathematics, reading, science, and social studies.

8. SUBJECT OR FIELD ENDORSEMENTS. Required for teaching fields and subjects listed, in grades K-12. Requirements: Bachelor's degree (except vocational education and industrial arts); completion of New Jersey-approved curriculum, including 45 hours in general education, student teaching, and subject matter credits as follows: biological science, bookkeeping and accounting, earth science, English, secretarial studies, or speech arts and dramatics, 24; art, business education, health education, health and physical education, home economics, industrial arts, music, physical education, science, social studies, handicapped, deaf or hard-of-hearing, or teaching of blind and partially sighted, 30; instrumental music, 32; data processing, 12 and a regular teacher's certificate; distributive education, 15; driver education, regular teacher's certificate, a course in driver education, and three years of driving experience; typing, 4, a regular teacher's certificate, and a methods course; vocational education, approved training and experience in occupation to be taught.

Special School Service Personnel

9. VOCATIONAL TECHNICAL COORDINATOR.

a. COOPERATIVE INDUSTRIAL EDUCATION PROGRAMS. Required for teacher and coordinator of part-time cooperative vocational education in skilled trade, industrial, or service occupations; valid for teaching related subjects in such classes and for acting as coordinator between school and industry. Requirements: (a) Regular New Jersey teacher's certificate in any field, three years of successful teaching under vocational education or industrial arts certificate, and one year of industrial experience; or (b) approved bachelor's degree, two years of teaching experience, and two years of approved occupational experience; or (c) preparation to include principles and philosophy of vocational-technical education, problems in organizing and teaching cooperative industrial education programs, vocational-technical curriculum construction, and vocational guidance; or (d) New Jersey-approved curriculum.

b. APPRENTICE PROGRAMS. Required for apprentice programs, valid for part-time cooperative education programs. Requirements: High school graduation or equivalent; three years of successful teaching experience in skilled, technical, related subjects, or industrial arts, or three years of approved supervisory experience in trade and industrial education; completion of (a) New Jersey-approved curriculum, or (b) program which includes 12 hours in administration and supervision of vocational-technical education, vocational-technical curriculum construction, industrial and labor relations, problems in organizing and teaching part-time cooperative programs.

10. LIBRARIAN

a. SCHOOL LIBRARIAN. Required for the position and for instruction in use of the school library. Requirements: Bachelor's degree; completion of (a) New Jersey-approved curriculum, or (b) program which includes 45 hours in general education, 9 in professional education, and student teaching; degree in library science or equivalent, including 30 hours in library science.

b. TEACHER-LIBRARIAN. Required for the position and for instruction in use of the school library. Requirements: Regular New Jersey teaching certificate; 18 hours in library science.

c. PROFESSIONAL LIBRARIAN. Required for employment in libraries supported partially or wholly by public funds in communities of 10,000 and above. Requirements: Degree in library science or equivalent, including 30 hours in library science.

11. SCHOOL NURSE. Valid for the position and for teaching first aid, home nursing, and health-related areas. Requirements: Current New Jersey RN license; one year of experience as RN, or graduation from an accredited college; completion of (a) New Jersey-approved curriculum, or (b) 30 hours including school nursing, school health problems, child and/or adolescent growth and development, mental health, educational foundations, public school program, public health, guidance and counseling, psychology of exceptional child, and supervised field experience.

NOTE: Effective July 1, 1975, requirements will be a current New Jersey RN license; bachelor's degree; completion of (a) New Jersey-approved curriculum, or (b) program which includes 45 hours of general education and 30 in the specialty, with at least 20 in school nursing (6 hours), child and/or adolescent growth and development, mental health, public health, human and intercultural relations, foundations of education, and the public school program; and student teaching.

12. SCHOOL SOCIAL WORKER. Requirements: Bachelor's degree; three years of successful experience as teacher and/or social worker, or master's degree in social work; 30 hours including psychology, education, sociology and social problems, social case work, mental hygiene and social psychiatry, medical information, community organization, and public welfare services.

13. SPEECH CORRECTION. Requirements: Regular New Jersey teaching certificate and 18 hours in the specialized education; or bachelor's degree and completion of (a) New Jersey-approved curriculum, or (b) program which includes 45 hours of general education and 30 in education (including 18 in specialized and 9 in general professional education, and student teaching in therapy with children who have speech disorders).

14. STUDENT PERSONNEL SERVICES. Required for counseling and for developing cooperative relationships with community agencies. Requirements: Bachelor's degree, regular New Jersey teaching certificate or equivalent, one year of successful teaching experience, and completion of New Jersey-approved curriculum; or regular New Jersey teaching certificate and 30 hours of postbaccalaureate credit (including guidance and counseling, 6; testing and evaluation, 3; psychology, 6; and sociology, 6).

a. DIRECTOR. Required for school system director, administrator, or supervisor of guidance and student personnel services. Requirements: Bachelor's degree; certificate 14 and three years of experience in student personnel work; completion of (a) New Jersey-approved curriculum, or (b) program which includes 40 hours as follows: guidance, 18; psychology, 10; sociology, administration and curriculum, and supervision of instruction, 12.

15. SCHOOL PSYCHOLOGIST. Requirements: Bachelor's degree with minimum 30 hours in general education; 60-hour graduate program (including educational foundations, 12; education of handicapped, 6; testing and clinical techniques, 18; personality and behavioral development, 12; externship, 450 clock hours).

16. LEARNING DISABILITIES TEACHER-CONSULTANT. Requirements: Regular New Jersey teaching certificate and three years of experience; master's degree; completion of (a) out-of-state NCATE-approved graduate program, or (b) New Jersey-approved 24-hour graduate program, including education of handicapped, learning theory, physiological basis for learning, orientation in psychological testing, remediation of basic skills, and diagnosis and correction of learning disabilities, electives, and supervised practicum.

17. SCHOOL OCCUPATIONAL THERAPIST. Requirements: Bachelor's degree; completion of approved curriculum.

18. SCHOOL PHYSICAL THERAPIST. Requirements: Bachelor's degree; completion of approved curriculum.

19. READING SPECIALIST. Requirements: Standard New Jersey certificate in any instructional area, two years of successful teaching experience, and completion of (a) New Jersey-approved graduate degree program, or (b) 30 graduate hours including supervised practicum, reading foundations, reading diagnosis, correction of reading problems, and electives.

New Mexico

State Certification Officer. Helen M. Westcott, Certification Officer, State Department of Education, Santa Fe, New Mexico 87501.

General Requirements. Minimum age, 18. Eight hours of credit must have been earned within the five years preceding application. Certificates are required of teachers, supervisors, and administrators in public and nonpublic elementary and secondary schools and must be filed with the employing school authority.

There are two plans under which New Mexico regionally accredited institutions may elect to recommend graduates for certification.

Plan I. Without state approval of the teacher *education program.* In recommending graduates for certification, the institution will verify that a degree has been awarded and that the applicant is 18 years of age, possesses good moral character, and is free from mental or physical disabilities which would impair his effectiveness as a teacher. It will not verify that the candidate has met the intent of an approved program and will not verify fields and areas of endorsement.

Plan II. With state approval of the teacher education program. In recommending applicants for certification, the institution will verify that the applicant is 18 years of age, possesses good moral character, and is free from mental or physical disabilities which would impair his effectiveness as a teacher. It will verify that the candidate has met the intent of an approved program and will verify fields and areas of endorsement.

Credentials To Accompany Application. Official transcripts to be sent directly by the preparing institution.

CERTIFICATES AND REQUIREMENTS

Administrators

1. ONE-YEAR STANDARD ADMINISTRATIVE CERTIFICATE. Valid one year for superintendent, elementary or secondary principal, personnel director, business administrator, director of instruction, and all other nonteaching personnel required to hold a teaching certificate, except supervisors; renewable on 6 hours earned in a planned sixth-year program, until completion. Requirements: Certificate 5 or 8 and a master's degree including 15 hours in administration, *or* master's degree in administration including 20 hours in organization, administration, and supervision; three years of teaching or related experience at the level to be administered.

2. PROFESSIONAL ADMINISTRATIVE LICENSURE. Valid as in certificate 1 for continuous service but becomes inactive on four years of nonuse. Requirements: Three years of administrative experience at the appropriate level and completion of the sixth-year program.

Teachers: Elementary and Secondary

3. FOUR-YEAR PROVISIONAL ELEMENTARY CERTIFICATE. Valid for teachers of grades 1-8. Requirements: Bachelor's degree; general education, 48 (including 6 each in four areas selected from humanities and/or social science; behavioral science; biological and/or physical science; foreign language; communicative arts; mathematics; fine and practical arts; health, physical education, and/or recreation); elementary subject matter areas, 25 (at least 2 each in arithmetic; arts and crafts; social studies; health, physical education, recreation, and/or safety education; music; science; language arts and/or children's literature); subject matter specialization, 24 in one area or 18 each in two areas; professional education, 24 (student teaching, 6, and 18 in three areas selected from human growth and development, school counseling, methods and techniques, orientation, psychology); institutional recommendation.

a. KINDERGARTEN ENDORSEMENT. Valid for teachers in state-approved or nonpublic kindergartens. Requirements: Eligibility for certificate 3; nursery, kindergarten, and primary education, 8 (theory, curriculum, content, methods and materials).

4. CONTINUING FIVE-YEAR ELEMENTARY CERTIFICATE. Requirements: Eligibility for certificate 3; completion of 30 hours beyond the bachelor's degree, a major portion of which is in elementary school subject areas; total preparation should include general education, 48 (same as certificate 3, except 2 hours in two additional areas), elementary education, 36, subject specialization, 36 in one area or 18 in each of two, and professional education, 30; three years of experience during the preceding five years.

5. PROFESSIONAL ELEMENTARY LICENSURE. Valid for continuous service but becomes inactive after four years of nonuse. Requirements: Completion of the fifth-year program culminating in a master's degree.

6. FOUR-YEAR PROVISIONAL SECONDARY CERTIFICATE. Valid for teaching endorsed areas in grades 7-12. Requirements: Bachelor's degree; general education, 48 (same as certificate 3); professional education, 18 (student teaching, 6, and 12 in three areas selected from areas listed for certificate 3); subject matter areas, 48-60 (first teaching field, 24, second, 24; *or* first field, 36, second, 24; *or* composite field, 54); institutional recommendation.

7. CONTINUING FIVE-YEAR SECONDARY CERTIFICATE. (Endorsements require 24 hours for a teaching field and 10 for a specific teaching area, except typing and shorthand, 5.) Requirements: Eligibility for certificate 6; completion of 30 hours beyond the bachelor's degree, a major portion of which is in secondary subject areas; total preparation should include general education, 48 (same as certificate 4), teaching fields, 60 (one of 36 and one of 24), and professional education, 28; three years of experience during the preceding five years.

8. PROFESSIONAL SECONDARY LICENSURE. Validity same as for certificate 5. Requirements: Completion of the fifth-year program culminating in a master's degree.

9. FOUR-YEAR KINDERGARTEN CERTIFICATE. Requirements: Graduation from an accredited institution; general education which includes physical and biological sciences, mathematics and philosophy, language and literature, social and behavioral sciences, and fine arts; early childhood education, 24 (growth, development, and learning; mental and physical health; school, parent, home, and community relationships and interactions; curriculum, content, methods, materials, experiences, and resources; supervised experience with children, 6; current problems, history, and philosophy of education; administration and organization of schools; relationship to grades 4-6).

10. SPECIAL EDUCATION CERTIFICATE. Valid for teachers of exceptional children in grades K-12. Requirements: Eligibility for certificate 3, 4, 5, 6, 7, or 8; bachelor's degree, including special education, 24 (education of exceptional children, materials and methods for exceptional children, remedial reading and/or language development, and other courses distributed among education of the mentally retarded, activity therapy, abnormal psychology, mental deficiencies, guidance and testing, nature and needs of the physically handicapped, social psychology, and personality development); 6 hours of student teaching in special education.

Special School Service Personnel

11. FOUR-YEAR SCHOOL COUNSELOR CERTIFICATE. Requirements: Valid certificate 3, 4, 5, 6, 7, or 8; bachelor's degree; graduate courses in guidance and counseling, 24 (practicum, 3; remainder in theory, philosophy, and principles; psychological appraisal of the individual; psychology of careers and socioeconomic information (required); techniques; group procedures; research methods); recommendation of the institution in which a majority of the guidance courses were completed.

12. PROFESSIONAL SCHOOL COUNSELOR LICENSURE. Validity same as for certificate 5. Requirements: Eligibility for certificate 3, 4, 5, 6, 7, or 8; master's degree; guidance, 45 graduate credits (see certificate 11; additional 21 in behavioral sciences, education, and related areas); institutional recommendation; four years of experience, including two in guidance and counseling.

13. ONE-YEAR SCHOOL SOCIAL WORKER CERTIFICATE. Requirements: Completion of the first graduate year leading to a master's degree from a school accredited by the Council on Social Work Education, including understanding the individual, social work methods, field placement, social welfare programs and community resources, and research methods; two years of supervised full-time paid social work in a child welfare, correctional, psychiatric, or family agency and a course in the foundations of education, *or* a valid New Mexico teaching certificate and two years of experience.

14. FOUR-YEAR SCHOOL SOCIAL WORKER CERTIFICATE. Requirements: Completion of the academic requirements for a master's degree in social work in an institution accredited by CSWE; one year of full-time paid experience as a school social worker (may be acquired during the first year of employment in New Mexico).

15. PROFESSIONAL SCHOOL SOCIAL WORKER LICENSURE. Validity same as for certificate 5. Requirements: Certificate 14 and three years of experience in school social work.

16. FOUR-YEAR SPEECH PATHOLOGY PROVISIONAL CERTIFICATE. Requirements: Master's degree; recommendation of the speech pathology program director in which a major portion of the training was completed and approval of the dean of education; general education, 48 (humanities and/or behavioral science; biological and/or physical science; foreign language; communicative arts; mathematics; fine and practical arts; health, physical education, and/or recreation; at least 6 in each of these four areas and 2 in two);

behavioral and communicative sciences, 30 (well-integrated program meeting minimum standards of American Speech and Hearing Association); professional education, 18 (including 3 in orientation and a speech pathology practicum in public school); specialization, 36 (24 in speech pathology and 6 in audiology).

17. PROFESSIONAL SPEECH PATHOLOGY LICENSURE. Requirements: Three years of experience under certificate 16.

18. FOUR-YEAR AUDIOLOGY PROVISIONAL CERTIFICATE. Requirements: Master's degree; recommendation of the director of the audiology program in which a major portion of the training is completed and approval of the dean of education; general education, 48 (as in certificate 16); behavioral and communicative sciences, 30 (as in certificate 16); professional education, 18 (including 3 in orientation and an audiology practicum in public school); specialization, 36 (24 in audiology and 6 in speech pathology).

19. PROFESSIONAL AUDIOLOGY LICENSURE. Requirements: Three years of experience under certificate 18.

Other Certificates Issued

Certificates may be endorsed for teaching art, foreign language, health, physical education, and recreation, industrial arts, and music in grades K-12 by the applicant's completing general requirements for certification and 36 hours in the special field, including elementary and secondary student teaching and methods.

New York

State Certification Officers. Vincent C. Gazzetta, Director, Division of Teacher Education and Certification; William E. Boyd, Teacher Preparation; Charles C. Mackey, Jr., Certification; Mike Van Ryn, Research, Development, and Fiscal Management, State Education Department, Albany, New York 12224.

General Requirements. Minimum age, 18. Fee, $5. Certificates are required of administrators, supervisors, and teachers in public schools, nursery through secondary; of special service personnel for whom certification standards have been established; and of teaching assistants. Unless otherwise noted, teaching and special service certificates are provisional, issued for five years and convertible to permanent certificates upon completion of 30 hours of appropriate graduate study.

Credentials To Accompany Application. Official transcript.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SCHOOL DISTRICT ADMINISTRATOR. Valid for continuous service. Requirements: Graduation from an approved institution, plus 60 approved graduate hours; total preparation must include 24 hours related to school administration and supervision, and college-supervised administrative-supervisory internship; three years of teaching and/or supervisory experience in public schools.

2. SCHOOL ADMINISTRATOR AND SUPERVISOR. Valid for continuous service. Requirements: Graduation from an approved institution, plus 30 approved graduate hours to include 18 in school administration and supervision and college-supervised administrative-supervisory internship; three years of teaching, administrative, and/or supervisory experience.

Teachers: Elementary and Secondary

3. ELEMENTARY. Valid for nursery school through grade 6, and for teaching an academic subject in grades 7-9 with appropriate concentration. Requirements: Bachelor's degree; professional education, 24 (including 6 hours in the teaching of reading), and supervised student teaching.

4. ACADEMIC SUBJECTS. Valid for teaching grades 7-12. Requirements: Bachelor's degree, including 12 hours in professional courses and supervised student teaching. Content preparation: English, social studies, biology, chemistry, physics, or earth science, 36; foreign languages, 24; mathematics, 18. All specific science certificates in-

clude general science if preparation includes at least two science areas.

5. SPECIAL SUBJECTS. Valid for teaching art, business and distributive education, industrial arts, health, music, physical education, recreation, speech, or other subjects offered in the public schools, or for library media specialist. Requirements: Bachelor's degree, including professional education, 12, and student teaching; technical preparation in special subject, 36.

6. TECHNICAL OR RELATED SUBJECTS. Requirements: Bachelor's degree in architecture, art, engineering, or applied science, including secondary professional education, 18; three years of experience related to the subject for which the certificate is issued (one year of approved graduate study may be accepted in lieu of one year of experience).

Special School Service Personnel

7. PUPIL PERSONNEL SERVICE. Requirements effective September 1, 1973: Completion of approved program and institutional recommendation; *or* evidence of the following:

a. ATTENDANCE TEACHER. Bachelor's degree including (or in addition) 6 hours of appropriate professional education. The *permanent* certificate requires an additional 30 s.h. of graduate study in pupil personnel work.

b. COUNSELOR. Bachelor's degree; 30 hours of approved graduate study in school counseling, including supervised practice in guidance. The *permanent* certificate requires an additional 30 hours of graduate study in school counseling.

c. DENTAL HYGIENE TEACHER. Associate degree at an institution approved for preparation of dental hygienists; completion of 30 hours toward a bachelor's degree, including 6 in appropriate professional education; valid New York State registration as dental hygienist. The *permanent* certificate requires completion of the bachelor's degree, including 18 hours in appropriate professional education.

d. NURSE-TEACHER. Bachelor's degree, including 6 hours in appropriate professional education; valid New York State registration as professional nurse. The *permanent* certificate requires an additional 30 s.h. of graduate study in pupil personnel work.

e. SCHOOL PSYCHOLOGIST, PERMANENT. Bachelor's degree and 60 hours of graduate study in school psychology, including supervised internship.

f. SCHOOL SOCIAL WORKER. Bachelor's degree and 30 hours of graduate study in social work, including supervised internship. The *permanent* certificate requires an additional 30 hours of graduate study. Registration as a social worker in New York State also establishes eligibility for this certificate.

EXCEPTIONS: Persons employed in a position for which no certificate existed prior to September 1, 1973, may be issued a statement of continued eligibility provided three years of service have been completed and the candidate holds a permanent certificate valid in the public schools of New York. The statement is limited to the specific service area but is valid in any school district.

Other Certificates Issued

8. TRADES. Requirements: High school graduation and apprenticeship and journeyman experience; 32 hours in specific preparation; pass a proficiency examination in the trade for which the certificate is desired.

9. TEACHING ASSISTANT. Valid for direct instructional service under supervision of a certified teacher. Requirements for a *temporary* license (valid one year): Completion of a four-year high school program or equivalent, supplemented by appropriate training and experience for the position. For a *continuing* certificate: Completion of 6 hours of college study in or related to elementary or secondary school service and one year of experience as licensed assistant or certified teacher in an approved school.

10. VISITING LECTURER. Upon application by a school superintendent, a one-year temporary license for visiting lecturer may be issued to a person having unusual qualifications in a specific subject to supplement the regular instructional program.

11. AREA FOR WHICH NO CERTIFICATE EXISTS. Upon approval by the Commissioner of Education, a permit, valid two years with extension possible, may be granted to a school district for employing a qualified person for a position in the public schools for which no certificate currently exists. The superintendent applying for authorization shall submit a detailed job description, statement of qualifications, and list of eligible candidates.

North Carolina

State Certification Officer. J. Arthur Taylor, Director, Division of Teacher Certification, State Department of Public Instruction, Raleigh, North Carolina 27602.

General Requirements. Minimum age, 18. Certificates are required of administrators, supervisors, and teachers in all public elementary and secondary schools, and of teachers in parochial and other nonpublic elementary and secondary schools. Certificates for teachers in public schools must be filed with the county or city superintendent. Initial certificates are issued for five years and are renewable for five-year periods on 6 credit hours or 6-unit combination of college study, experience, workshop, or travel.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state applicants are certificated on the basis of regional and national accreditation, home state approval, or other evidence of quality preparation. Official transcripts are required of all applicants.

National Teacher Examinations Scores Required for Certification. Certificates or ratings requiring a bachelor's degree or less require a minimum composite score of 950 on the NTE common and appropriate teaching area examinations.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT. Requirements: Hold or qualify for a teacher's and a principal's certificate; five years of teaching and supervisory or administrative experience within the last ten years; completion of an approved program which provides equivalency of a master's degree plus 30 hours, or approved doctoral program.

2. PRINCIPAL. Requirements: Hold or qualify for a Class A teaching certificate; three years of teaching or supervisory experience within the last five years; completion of an approved master's degree program and institutional recommendation. Sixth-year and doctoral programs are recognized for salary purposes.

3. SUPERVISOR. Requirements: Hold or qualify for a graduate teaching certificate; five years of experience within the last eight years; completion of an approved master's degree program and institutional recommendation. Sixth-year and doctoral programs are recognized for salary purposes.

4. SUPERVISOR OF STUDENT TEACHERS. Requirements: Hold or qualify for a graduate teaching certificate; completion of an approved program and institutional recommendation; one or more years of successful experience under college supervision; recommendation of local administration (superintendent, supervisor, or principal) and college supervisor.

5. AUDIOVISUAL DIRECTOR. Requirements: Hold or qualify for a Class A teaching certificate; completion of an approved master's degree program and institutional recommendation. The doctor's degree is recognized for salary purposes.

Teachers: Elementary and Secondary

6. ELEMENTARY (EARLY CHILDHOOD AND INTERMEDIATE). Requirements: Bachelor's degree in an approved program and institutional recommendation.

7. ELEMENTARY (GRADUATE). Requirements: Hold or qualify for certificate 6; completion of an approved master's degree program and institutional recommendation. Doctor's degrees are recognized.

8. SECONDARY AND SPECIAL SUBJECT (CLASS A). Requirements: Bachelor's degree in an approved program and institutional recommendation.

9. SECONDARY AND SPECIAL SUBJECT (GRADUATE). Requirements: Hold or qualify for certificate 8; completion of an approved master's degree program. Doctor's degrees are recognized.

10. OCCUPATIONAL EDUCATION PROGRAMS. (Valid for agriculture and agricultural technology, home economics, distributive education, and trade and industrial education.) Requirements: Bachelor's degree in an approved program and institutional recommendation.

Special School Service Personnel

11. COUNSELOR. Requirements: Hold or qualify for a Class A teaching certificate; one year of occupational experience; completion of an approved master's degree program. Sixth-year and doctoral programs are recognized.

12. SCHOOL PSYCHOLOGIST. Requirements: Bachelor's degree; completion of an approved sixth-year or doctoral program and institutional recommendation.

North Dakota

State Certification Officer. Raymond W. Bangs, Director of Teacher Certification, State Department of Public Instruction, Bismarck, North Dakota 58501.

General Requirements. Minimum age, 18. Fee, $5. Full- and part-time public and nonpublic school teachers and administrators are required to hold certificates issued by the state. Diplomas of graduates of schools of education of state colleges are accredited as certificates, based on a statement or requisition from the college. Initial certificates are valid for three years. Certificates must be recorded in the office of the county superintendent.

Credentials To Accompany Application. Statement of age; evidence of U.S. citizenship or declaration; oath of allegiance; professional and character references; record of college work from the registrar, to be supplied on a form furnished by the State Department. A transcript may be attached to this form.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SUPERINTENDENT. Requirements: Master's degree in school administration qualifying the holder for an administrative credential; first-grade professional certificate; minimum of 16 hours in administration covering both elementary and secondary fields; four years of successful experience in education, two as an administrator.

2. SECONDARY PRINCIPAL. Requirements: Master's degree in secondary education (for schools with over 200 enrollment, grades 9-12), *or* 16 graduate hours in secondary education (for schools with under 200 enrollment, grades 9-12).

3. ELEMENTARY PRINCIPAL. Requirements: Master's degree in elementary education (for schools with over 500 enrollment, grades 1-8), *or* 8 graduate hours in elementary education (schools under 500 enrollment, grades 1-8).

Teachers: Elementary and Secondary

4. FIRST-GRADE PROFESSIONAL CERTIFICATE. Valid for three years for teaching all grades and subjects in elementary and secondary schools or majors and minors only in accredited high schools; convertible to a life certificate on 18 months of successful teaching within the state after date of issuance. Requirements: Bachelor's degree, including 16 hours in professional education, including student teaching.

Special School Service Personnel

5. PUBLIC SCHOOL COUNSELOR. Requirements for *standard* credential: First-grade professional certificate with 15 hours in specified guidance courses and practicum; two years of teaching experience and one year of other work experience. For *professional* credential: First-grade professional certificate; master's degree with a minimum of 24 hours of specified guidance courses and practicum; two years of teaching experience and one year of other work experience.

6. LIBRARIAN. Requirements: Bachelor's degree; first-grade professional certificate; 16 hours of library science in accredited schools.

7. TEACHERS OF EXCEPTIONAL CHILDREN, MENTALLY HANDICAPPED. Requirements: Valid professional certificate, plus additional requirements set by the director of special education.

8. SPEECH THERAPIST. Requirements: First-grade professional certificate, including a minimum of 33 hours of preparation as outlined by the Superintendent of Public Instruction. A major

in speech pathology entitles the holder to teach in the field of specialty at all grade levels. Specific requirements: 18 hours in phonetics, anatomy, physiology and physics of voice, speech pathology, correction, therapy, clinical and laboratory methods and research; 9 hours in allied fields exclusive of speech arts; 200 clock hours of basic clinical training.

Other Certificates Issued

9. VISITING COUNSELOR. Based on first-grade professional certificate.

Ohio

State Certification Officer. Paul W. Hailey, Director, Division of Teacher Education and Certification, State Department of Education, Columbus, Ohio 43215.

General Requirements. No minimum age specified. Initial fee, $2; each renewal, $2. Certificates are required of administrators, supervisors, teachers, and school employees in pupil personnel service in all public and non-tax-supported schools. Certificates must be filed in the office of the superintendent. Initial certificates are valid for four years and renewable on successful experience.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates are certificated on evidence of having completed a pattern of teacher education substantially equivalent to that required in Ohio colleges in an institution approved for teacher education by the home state. A transcript of credits is also required.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT, PROVISIONAL. Requirements: Master's degree; 60 hours of graduate work (general or elementary and secondary administration, finance, law, educational facilities, school-community relations, staff personnel, supervision of instruction, and curriculum; social, philosophical, and psychological foundations; research and/or evaluation; and planned field experience); 27 months of certificated successful experience as administrator or supervisor.

2. LOCAL SUPERINTENDENT, PROVISIONAL. Requirements: Master's degree (graduate work in general or elementary and secondary administration, supervision of instruction, and curriculum, and two areas chosen from among law, finance, and educational facilities; social, philosophical, and psychological foundations; research and/or evaluation; and planned field experience); 27 months of certificated successful classroom teaching experience and 9 months as administrator or supervisor.

3. ELEMENTARY PRINCIPAL, PROVISIONAL. Requirements: Master's degree (graduate work in general or elementary administration, supervision of instruction, and curriculum; guidance; social, philosophical or psychological foundations; research and/or evaluation; and planned field experience); 27 months of successful classroom teaching experience under a standard certificate, at least 18 in elementary grades.

4. SECONDARY PRINCIPAL, PROVISIONAL. Requirements: Same as certificate 3 except specified areas of graduate work and teaching experience should be at the appropriate level.

5. EDUCATIONAL ADMINISTRATIVE SPECIALIST, PROVISIONAL. Issued for central office administrators and supervisors in instructional service, educational research, staff or pupil personnel administration, school-community relations, and special education (exceptional children). Requirements: Master's degree with 15 hours of graduate work in the specialty, including planned field experience; 27 months of successful classroom teaching experience under a standard certificate.

6. SUPERVISOR, PROVISIONAL. Requirements: Master's degree (graduate work in general or elementary and secondary curriculum and supervision of instruction; social, philosophical, and psychological foundations; research; and planned field experience); 27 months of successful classroom teaching experience under a standard certificate in the supervisory field.

7. READING SUPERVISOR, PROVISIONAL. Re-

quirements: Master's degree (graduate work in foundations and survey; diagnosis and correction; organization and supervision of reading programs; developmental and content areas; literature for children and/or adolescents; personality development; laboratory practice); 27 months of successful classroom teaching experience under a standard certificate.

Teachers: Elementary and Secondary

8. ELEMENTARY. Valid for teaching grades 1-8. Requirements: Bachelor's degree, including general education, 60 (language arts, 12-18; social studies, 18-24; science, 8-12; health and physical education, 3-6; arts and crafts, 4-8; music, 4-8; functional arithmetic, 3-6); professional education, 28 (understanding the learner, 3-6; teaching and the learning process, 9-12; purposes of education in a democracy, 3-6; student teaching, 6-12). For kindergarten teaching, the program must include 6 hours in kindergarten methods and materials.

9. SECONDARY, GENERAL. Valid for teaching endorsed subjects in grades 7-12. Requirements: Bachelor's degree, including general education, 30 (science or mathematics, 6; social studies, 6; literature or language, 6; fine or applied arts or religion and philosophy, 6; excess credit in any or all of above, 6); professional education, 21 (including human growth and development, school in relation to society, secondary curriculum and methods, student teaching); subject specialization.

10. SECONDARY, VOCATIONAL. Requirements: Same general and professional education as for certificate 9.

Special School Service Personnel

11. EDUCATIONAL MEDIA SPECIALIST. Requirements: Same general and professional education as certificate 9, and 30 hours in specialty (course work in print and non-print materials, including selection of educational media, effective utilization, and production; bibliography, including children's and adult literature suitable to elementary, middle, and high school; reference tools; cataloging and classification; organization, administration, and utilization of educational media center and practical experience in such center as part of student teaching).

12. SCHOOL COUNSELOR. Requirements: Master's degree, including course work in guidance, human growth and development, individual analysis, counseling, guidance information, practicum; one year of teaching experience, one year of employment in a nonteaching field, and one year in either teaching or nonteaching employment, or both.

13. SCHOOL PSYCHOLOGIST. Requirements: Master's degree; professional graduate credits, 24 (content of psychology, including human development, learning, and personality, 8; standardized group measurement and evaluation, 2; statistics, 2; psychological study of children, including laboratory experiences, 8; psychology of counseling and therapy techniques, 2; role and function of the psychologist in schools, 2); 9 months of successful, full-time internship in a school setting under the supervision of a qualified school psychologist at an approved institution.

14. VISITING TEACHER, PROVISIONAL. Requirements: Master's degree (14 hours of graduate work in human growth and development; psychology of exceptional children; educational psychology; testing and measurements; pupil personnel services; counseling principles and procedures or social casework; and Ohio school law, family counseling, community organization, or juvenile delinquency); one year of satisfactory experience as classroom teacher or school psychologist, counselor, or social worker, or one semester of full-time supervised internship.

Oklahoma

State Certification Officers. Ronald Carpenter, Administrator, Teacher Education Section; Billy J. Siler, Administrator, Certification Section, State Department of Education, Oklahoma City, Oklahoma 73105.

General Requirements. Graduation from a four-year accredited program. Fee, $1; renewal, $1. Certificates are required of administrators, supervisors, counselors, and teachers in all public schools and in accredited private and parochial schools. Certificates must be recorded in the office of the county superintendent for teachers in dependent schools and in the office of the employing superintendent for independent schools. Temporary certificates are issued for one year, renewable on 8 credit hours toward the standard certificate; provisional certificates are issued for three years, nonrenewable; initial standard certificates are issued for five years, renewable on three years of experience or 8 credit hours. Six hours of college credit in American history and government are required for all standard certificates. College credit in Oklahoma history is required for the standard social studies certificate.

Credentials To Accompany Application. In-state graduates are certificated on the basis of completion of an approved program bearing on the certificate requested, recommendation from the institution, and final approval by the State Board of Education. Out-of-state graduates are certificated on the basis of regional or state accreditation of the preparing institution, having completed a program bearing on the certificate requested. Also required: transcript; evidence of U.S. citizenship or declaration of intention; health certificate; evidence of employment for the temporary certificate.

Reciprocity. Limited reciprocity is granted to those who complete a four-year program in a college accredited by NCATE at the time of graduation.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SUPERINTENDENT. Requirements for *provisional* certificate: Two years of elementary and/or secondary teaching, supervisory, or administrative experience; valid Oklahoma standard or life elementary or secondary teaching certificate; master's degree from a regionally accredited institution with a minimum of 8 graduate hours in school administration and professional education. If the holder of a provisional certificate fails to hold an administrative position during its three-year period of validity, he may have the certificate reinstated for one year by completing 8 graduate hours in an approved program for the standard certificate. For the *standard* certificate: Provisional certificate and one year of satisfactory experience during its period of validity; completion of 30 graduate hours in school administration beyond the master's degree, including credit in general school administration, curriculum for elementary and secondary schools, measurements or statistics, school law, finance, school buildings, public relations, school survey, and program planning.

2. SECONDARY SCHOOL PRINCIPAL. Requirements for *provisional* certificate: Two years of teaching, supervisory, or administrative experience; valid Oklahoma elementary-secondary or secondary teaching certificate; master's degree from a regionally accredited institution with a minimum of 8 graduate hours in secondary school administration. For the *standard* certificate: Provisional certificate and one year of experience during its period of validity; valid Oklahoma standard elementary-secondary, secondary, or life secondary certificate; completion of 16 graduate hours in school administration beyond the master's degree and requirements for the provisional certificate, including high school administration, supervision, curriculum, measurements, guidance, public relations, and program planning.

3. ELEMENTARY SCHOOL PRINCIPAL. Requirements for *provisional* certificate: Two years of teaching, supervisory, or administrative experience; valid Oklahoma elementary certificate; master's degree from a regionally accredited institution with a minimum of 8 graduate hours in elementary administration. For the *standard* certificate: Provisional certificate and one year of satisfactory experience during its period of validity; valid Oklahoma standard or life elementary certificate; completion of 16 graduate hours in school administration beyond the master's degree and requirements for the provisional certificate, including elementary school administration, supervision, curriculum, measurements, guidance, public relations, and program planning.

Teachers: Elementary and Secondary

4. ELEMENTARY. Valid for teaching grades K-8. Requirements: Bachelor's degree, including general education, 50 (work in six areas selected from English, social studies, health and physical education, science, mathematics, humanities, psychology, foreign language, fine arts, practical arts); professional education, including child development, 21 (9 hours in student teaching,

methods, and materials); specialization, 25 in specialized education for elementary teachers, with work in fine arts, science, arithmetic, social studies, reading, language arts, health and physical education; academic area of concentration, *18*.

5. SECONDARY, WITH ENDORSEMENTS. Requirements: Bachelor's degree, including general education, 50 (same as for certificate 4); professional education, 21 (9 hours in student teaching, methods, and materials). Specialization—agriculture, 24; art, 36; bookkeeping and clerical practice, 26; business education, 30; foreign language, 24; health and physical education, 30; home economics, 26; industrial arts, 30; journalism, 24; language arts, 32; mathematics, 28; combined instrumental and vocal music, 46; instrumental music, 40; vocal music, 40; science, 36; social studies, 36; speech, 24. Endorsed for a minor teaching assignment on 18 hours.

6. SECONDARY, VOCATIONAL SUBJECTS. Requirements: Bachelor's degree. *Vocational home economics*—specialization, 40; professional education, 21; related field, 10; U.S. history and government, 6; English, 8; health, 4. *Vocational agriculture*—technical and practical agriculture, 59; agricultural education, 21; American history and government, 6; science, 20; farm shop, 8. *Distributive education*—technical field, 12; professional education, 12; professional improvement, 16. (Vocational certificates must be recommended by the state vocational supervisor.)

7. PROFESSIONAL CERTIFICATE. Requirements: Bachelor's degree and Oklahoma standard or life teaching certificate; three or more years of satisfactory school experience at the appropriate level; additional professional education, 8; additional specialized education, 8; additional electives, maximum of 16 in appropriate professional education, specialization, or other academic areas; all work must be for graduate credit culminating in a master's degree or with a master's degree otherwise obtained.

8. EARLY CHILDHOOD EDUCATION (NURSERY AND KINDERGARTEN), STANDARD. Requirements: Bachelor's degree; general education, 50 (including language arts, social studies, mathematics, biological and physical science, art, drama, music, health and physical education, psychology); professional education, 21 (including child growth and development, social foundations of education, and psychology specific to early childhood education; student teaching, 6, including nursery and kindergarten; and work in history and philosophy of early childhood education, curriculum and methods of early childhood education); specialized education, 21 (curriculum of early childhood education—play, play materials and equipment, art, music, literature, science, and program planning; parent and school relationships—parent-teacher relationships, family life education, and family and human development; health and nutrition; speech correction).

9. SPECIAL EDUCATION. Requirements: Bachelor's degree; general education, 50; professional education, 21; specialization—speech correction, slow learners, sight conservation, or physically handicapped, 24; deaf and hard-of-hearing, 18; learning disabilities or emotionally disturbed, 24, plus two years of teaching experience.

10. READING SPECIALIST. Requirements: Master's degree in reading or 30 graduate hours in appropriate courses; Oklahoma elementary, special education, or secondary language arts standard or life certificate; three years of teaching or clinical experience. For provisional certification, 20 graduate hours, for temporary certification, 8.

Special School Service Personnel

11. SCHOOL COUNSELOR. Requirements for *provisional* certificate: Standard or life teaching certificate; two years of teaching experience; graduate credit, 22. For the *standard* certificate: Standard or life teaching certificate; two years of teaching experience; one year of counseling experience; master's degree with 22 hours of work in specific areas.

12. VISITING COUNSELOR. Requirements: Meet all general requirements; two years of teaching experience; bachelor's degree; professional education, 18; graduate work in an accredited school of social work, 8.

13. LIBRARIAN. Requirements: Bachelor's degree with general and professional education as in certificate 5; library science, 24.

14. AUDIOVISUAL SPECIALIST. Requirements: Admission to graduate study in an approved program and completion of 30 hours. For provisional certification, 20 graduate hours; for temporary certification, 8.

15. SCHOOL PSYCHOLOGIST. Requirements:

Master's degree in general psychology, educational psychology, child psychology, special education, guidance, or a related area, with a minimum of 60 hours of graduate credit. A bachelor's degree from an accredited college will meet the general education requirement if it includes 6 hours in American history and government.

16. SCHOOL PSYCHOMETRIST. Requirements: Master's degree in general psychology, educational psychology, child psychology, special education, guidance, or a related area, with a minimum of 30 semester hours of graduate credit. A bachelor's degree from an accredited college will meet the general education requirement if it includes 6 hours in American history and government.

17. SCHOOL NURSE. Requirements for *temporary* certificate: RN license and request of school administrator. For the *provisional* certificate: Bachelor's degree in nursing or bachelor's degree from an accredited college; copy of current nurse registration card; 8 hours of work completed within the five years preceding application. For the *standard* certificate: Bachelor's degree in nursing or bachelor's degree from an accredited college; professional education, 12; American history and government, 6; copy of current nurse registration card; 8 hours of work completed within the five years preceding application. *Standard-conversion program:* Bachelor's degree from an accredited college, Oklahoma RN license; general education, 50 (as in certificate 4); specialized education, 30 in life science, physical science, social studies, and health science; professional education, 21 (8 in observation and practice school nursing).

Oregon

State Certification Officers: Willard Bear, Director of Teacher Education and Certification; Grant Mills, Supervisor of Certification, Division of Special Schools and Services, Oregon Board of Education, 942 Lancaster Drive, NE, Salem, Oregon 97310.

General Requirements: Minimum age, 18. Initial fee, $15; each renewal, $15. Certificates are required of public school teachers and administrators, grades 1-12. The teacher's certificate, health certificate, and contract must be recorded in the office of the county school superintendent each year prior to teaching. Initial elementary school certificates are issued for three years and are renewable for three years upon verification of one year of experience during the life of the certificate when application for renewal is made within five years of the last year of teaching; otherwise, 6 s.h. are required for renewal. Initial secondary school certificates are issued for three years and are renewable for three years on 16 s.h. applicable to the five-year certificate.

Credentials To Accompany Application: Evidence of good moral character and mental and physical health, and other evidence as may be deemed necessary if so requested. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state applicants who are graduates of NCATE-accredited institutions are accepted on the same basis. An official transcript is required; also completion of the form, "Report of Preparation for Teaching."

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT, STANDARD. Valid for five years; renewable on one year of use if renewal is applied for within five years of last administrative experience during the period of the standard teaching certificate. A lapsed certificate may be reactivated on an additional 6 hours. Requirements: Three years of administrative-supervisory experience; approved graduate program which may be part of the master's degree; institutional recommendation.

2. PRINCIPAL, STANDARD. Valid and renewable as in certificate 1. Requirements: Approved graduate program of 22 hours which may be part of the master's degree; institutional recommendation. A *basic* certificate (valid two years, renewable once) is issued on partial fulfillment of requirements; a *temporary* certificate (one year, nonre-

newable) is issued on the bachelor's degree and at the request of the employing board.

3. SUPERVISOR. Requirements: Basic teaching certificate; completion of standard teaching norm (fifth year) in the area to be supervised; three years of teaching experience; 10 graduate hours appropriate for supervisors subsequent to the master's degree.

Teachers: Elementary and Secondary

4. ELEMENTARY. Valid in grades K-9. Requirements: Bachelor's degree; 24 hours of elementary education and preparation in teaching strategies, how to teach reading (4 hours), the use of educational teaching media, social and cultural foundations, psychological foundations (including child, adolescent, and educational psychology and group processes), field experiences, elementary supervised teaching and/or internship, plus preparation in art, health, language arts, mathematics, music, physical education, science, and social science.

5. SECONDARY. Valid in departmentalized grades 5-12. Requirements: Bachelor's degree plus 30 hours of upper-division or graduate work, including 30 hours in professional education (teaching strategies; the use of educational teaching media and curriculum and methods in the particular teaching field; how to teach reading and writing, social and cultural foundations; psychological foundations, including child, adolescent, and educational psychology and group processes; field experiences; secondary supervised teaching and/or internship; guidance and counseling; occupational awareness; teaching strategies to include diagnostic and prescriptive techniques; curriculum; reading instruction and its application); standard subject norm.

6. SPECIAL EDUCATION. Requirements: Bachelor's degree; specialization as follows:

a. DEAF. Completion of a four-year course of study in an accredited college or professional or technical school that leads to graduation with a degree, and hold or be eligible for Certificate A issued by the Council on Education of the Deaf.

b. EXTREME LEARNING PROBLEMS. Eligibility for certificate 4 or 5; 28 hours in special education; institutional recommendation.

c. MENTALLY RETARDED. Eligibility for certificate 4 or 5; one year of teaching experience (or student teaching in both regular and special classes as part of preparation); 18 hours in special education; institutional recommendation.

d. PHYSICALLY HANDICAPPED. Eligibility for certificate 4 or 5; 24 hours in special education; institutional recommendation.

e. VISUALLY HANDICAPPED. Eligibility for certificate 4 or 5; 18 hours in special education and 2 in student teaching; institutional recommendation.

f. SPEECH CORRECTIONIST. Eligibility for certificate 4 or 5; 30 hours in speech and hearing; institutional recommendation.

7. SPECIAL SUBJECTS. Requirements: Certificate 4 or 5; specialization—art, 38; foreign language, 40; health, 36; physical education, 36; home economics, 36; music, 48; library, 24; industrial arts, 42.

8. VOCATIONAL EDUCATION. Requirements: Certificate 5; specialization—agriculture, 46⅔; distributive education, 40; trade and industrial and technical, 40; home economics, 40.

Special School Service Personnel

9. SCHOOL PSYCHOLOGIST. Requirements: Eligibility for certificate 4 or 5; one year of teaching experience; master's degree; 64 hours of special preparation in school psychology; institutional recommendation.

Other Certificates Issued

10. RESTRICTED, ELEMENTARY. Valid for one year. Issued on fewer requirements than for regular certification.

11. RESTRICTED, SPECIAL SUBJECTS. Valid only in the school district for which it is issued for a specific assignment and given only upon the recommendation of the employing superintendent and in specific areas such as music and art, such fields being specified annually by the State Board of Education. The applicant must present an official transcript showing evidence of meeting the norm in the area in which he is to be certificated.

12. SUBSTITUTE TEACHER. Valid for one year. May be issued to an applicant who has held a state teacher's certificate, either regular or emergency, and is valid only for the type and level of teaching indicated on the certificate. The holder is limited to 90 school days of substitute teaching in any one school year.

Pennsylvania

State Certification Officer. William L. Charlesworth, Director, Bureau of Faculty and Student Services, State Department of Public Instruction, P.O. Box 911, Harrisburg, Pennsylvania 17126.

General Requirements. Minimum age, 18. Certificates are required of administrators, supervisors, educational specialists, and teachers in public elementary and secondary schools and state vocational or trade schools. *Teaching* and *school service* certificates are of two types, each with two levels of achievement: Instructional I (Provisional), Instructional II (Permanent); and Educational Specialist I (Provisional), Educational Specialist II (Permanent). The initial certificate is issued for three years and becomes permanent on three years of successful teaching experience in Pennsylvania public schools and 24 hours of postbaccalaureate work. Supervisory and vocational education certificates are also issued on two levels of achievement.

An applicant shall have completed an approved program and be recommended by the preparing institution, or meet requirements stated for out-of-state applicants (graduation from an out-of-state college whose teacher education requirements are equivalent to those of Pennsylvania). The Secretary of Education may, in addition, enter into a reciprocal certification agreement with the appropriate authority of another state.

Credentials To Accompany Application. Evidence of U.S. citizenship, legal age, and good health; and professional and character references furnished by the preparing institution.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. INTERMEDIATE UNIT EXECUTIVE DIRECTOR OR ASSISTANT EXECUTIVE DIRECTOR. Requirements for letter of eligibility, issued in lieu of a certificate by the Secretary of Education: Earned doctorate from a regionally accredited college or university, *or* a master's degree plus 40 hours of graduate work at an institution approved for preparation of district superintendents; six years of experience at the elementary, secondary, county office, intermediate unit, state department of education, or regionally accredited college or university level (for director, three years in a management or supervisory capacity). Appropriateness of preparation and experience shall be determined by the Secretary of Education.

2. DISTRICT SUPERINTENDENT OR ASSISTANT SUPERINTENDENT. Valid for four years for superintendents in first-, second- and third-class districts and counties. Requirements: Provisional college certificate and six years of successful school experience, not less than three in a supervisory or administrative capacity; completion of an approved program and recommendation by the preparing institution. The approved program prepares the applicant for a letter of eligibility, which makes him eligible to be commissioned by the Secretary of Education.

3. ELEMENTARY PRINCIPAL, SECONDARY PRINCIPAL, OR DIRECTOR OF VOCATIONAL EDUCATION. Issued for any administrative area for which program approval has been granted by the Secretary of Education. Requirements for *provisional* certificate: Minimum of five years of professional school experience; Instructional II, Educational Specialist II, or Vocational Instructional II certificate; completion of an approved graduate program in the direction, operation, supervision, and administration of organizational and general education activities of a school and recommendation of the preparing institution. The certificate shall be made permanent on three years of satisfactory experience attested to by the chief school administrator under whom most recent service was performed.

4. SUPERVISORY. Valid for supervisors of elementary and secondary subjects and special fields. Issued for any supervisory area for which program approval has been granted by the Secretary of Education. Requirements for *provisional* certificate: Instructional II certificate, Educational Specialist II certificate in the subject area to be supervised, or Vocational Instructional II certificate; master's degree and completion of an approved graduate program in the supervision and direction of activities of professional and nonprofessional employees and recommendation of the preparing institution. The certificate shall be

made permanent on three years of satisfactory experience as attested to by the district superintendent under whom most recent service was performed.

Teachers: Elementary and Secondary

5. INSTRUCTIONAL CERTIFICATE, ELEMENTARY. Issued to persons whose primary responsibility shall be direct contact with learners in teaching-learning situations and for any instructional area for which program approval has been granted. Valid for early childhood (N, K, 1-3) and elementary (K, 1-6). Requirements: Bachelor's degree; completion of an approved program appropriate for the level of certification. The certificate may be extended to include secondary subjects or be endorsed for elementary school librarian, special education, reading, and other fields on completion of an appropriate approved program and recommendation by the preparing institution.

6. INSTRUCTIONAL CERTIFICATE, SECONDARY. Valid for grades 7-12 and may be endorsed for language arts, Latin, French, German, general science, physics, physics and mathematics, social studies, trade and industrial education, and special education where a bachelor's degree is valid. Requirements: Bachelor's degree; completion of an approved program and recommendation of the preparing institution. Validity may be extended for elementary school on completion of an approved program and recommendation of the preparing institution.

7. INSTRUCTIONAL CERTIFICATE, SPECIALIZED AREAS. Valid for K-12 for teaching art, health, health and physical education, home economics, industrial arts, music, special education, vocational agriculture, and foreign languages, and for school librarian. Requirements: Bachelor's degree; completion of an approved program and recommendation of the preparing institution.

8. VOCATIONAL INSTRUCTIONAL CERTIFICATE. Valid for persons completing nondegree requirements at Pennsylvania institutions with approved vocational programs. The provisional certificate is issued for three years and may be renewed for an additional four-year period on completion of 18 hours in an approved program in the appropriate vocational field; becomes permanent on three years of satisfactory teaching and 60 hours in an approved program. The certificate may be extended to include an additional subject or area on completion of an approved program and recommendation by the preparing institution.

Special School Service Personnel

9. EDUCATIONAL SPECIALIST. Issued for professional service, other than classroom teaching, directly related to the personal welfare of learners and may include service to professional personnel working with learners. Valid for special service areas for which program approval has been granted. The certificate may be extended to include an additional area on completion of an approved program and recommendation by the preparing institution. Requirements:

a. GUIDANCE COUNSELOR (N-8 or 7-12). Requirements: Master's degree; completion of an approved program and recommendation by the preparing institution.

b. SCHOOL PSYCHOLOGIST (N-12). Requirements: Master's degree; completion of an approved program and recommendation by the preparing institution.

c. OTHER (including home and school visitor, school nurse, dental hygienist, and coordinator of vocational education). Requirements: Bachelor's degree; completion of an approved program and recommendation by the preparing institution.

Endorsements

An endorsement by the Secretary of Education shall extend an existing instructional or educational specialist certificate to include a subject or area of specialization. The candidate must complete an approved program and be recommended by the preparing institution. The areas of specialization include instructional media, dental hygiene, environmental education, elementary school librarian, reading, safe living, driver education, and special education (mentally retarded, socially and emotionally maladjusted, visually handicapped, physically handicapped).

Other Certificates Issued

10. INTERIM INSTRUCTIONAL CERTIFICATE may be issued at the request of the employing school district. Valid for five years; not renewable. Requirements: Bachelor's degree from a regionally

accredited four-year college or university; acceptance for coursework in the field of certification at a regionally accredited institution in Pennsylvania which is approved for teacher preparation; guaranteed supervision by the school district and the institution during the first semester of the interim assignment. Specialization as follows:

a. SECONDARY. Undergraduate major in the teaching field; completion of a course in adolescent or educational psychology and a course in methods appropriate to the assignment.

b. ELEMENTARY. Completion of a course in human growth and development and a course in the teaching of reading in the elementary school.

c. SPECIALIZED AREAS (K-12). Undergraduate major in the teaching field; completion of a course in human growth and development and a course in the teaching of reading in the elementary school.

The Secretary of Education may waive the requirement of immediate affiliation with a Pennsylvania institution if impractical due to the number of interim teachers in the district, its distance from a cooperating institution, or time of employment. However, the employing district shall provide supervision during the first semester of assignment. The certificate may be revoked on issuance of an instructional certificate, discontinuance of employment, unsatisfactory performance, discontinuance of a program of studies, or, under the exceptional case provision, nonacceptance for course work within 120 days.

11. VOCATIONAL INTERIM CERTIFICATE. Issued at the request of the employing school district. Valid for three years; not renewable. Requirements: Evidence of adequate work experience beyond the learning period in the occupation to be taught; completion of an approved course in the orientation of teaching vocational education in the appropriate field; enrollment in the appropriate field of study at a regionally accredited college or university. The certificate may be revoked on issuance of an instructional certificate, discontinuance of employment, unsatisfactory performance, discontinuance of a program of studies, or failure to complete the occupational competency requirement for the vocational instructional certificate during the first year.

Rhode Island

State Certification Officers. William P. Robinson, Jr., Associate Commissioner of Education; Marilyn P. Horman, Coordinator, Education Personnel Services and Scholarship Programs, State Department of Education, 199 Promenade Street, Providence, Rhode Island 02908.

General Requirements. Minimum age, 19. No fee. Certificates are required of administrators, supervisors, and teachers in public elementary and secondary schools, and special service personnel for whom standards have been established. Certificates must be on file with the local school employing official. Provisional certificates are valid for six years unless otherwise specified and are not renewable; holders must qualify for professional certificates, valid for life.

Credentials To Accompany Application. Transcript; evidence of U.S. citizenship; physician's statement of good health; statement of fitness for teaching from the preparing institution; two character references; prior service statements.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT. Requirements for *provisional* certificate: Master's degree or 36 hours of graduate work; 30 hours in organization and administration of a school system, including work in organization, administration, and supervision of instruction in the elementary and secondary schools, curriculum construction and evaluation, school-community relations, and related fields; eligibility for Rhode Island teacher's certificate; five years of experience, two on the administrative and/or supervisory level. For the *professional* certificate: Three years of experience under the provisional certificate and 30 hours beyond the master's degree.

2. SECONDARY SCHOOL PRINCIPAL. Requirements for *provisional* certificate: Master's degree or 36 hours of graduate work; 15 hours in secondary school administration and supervision, in-

cluding work in secondary school organization and administration, supervision of instruction, curriculum construction and evaluation, school-community relations, and related fields; eligibility for Rhode Island secondary teacher's certificate; three years of experience in secondary grades. For the *professional* certificate: Three years of experience under the provisional certificate and 15 hours beyond the master's degree.

3. ELEMENTARY SCHOOL PRINCIPAL. Requirements for *provisional* certificate: Master's degree or 36 hours of graduate work; 15 hours in elementary school administration and supervision, including work in elementary school organization and administration, supervision of instruction, curriculum construction, school-community relations, and related fields; eligibility for a Rhode Island elementary teacher's certificate; three years of elementary teaching experience. For the *professional* certificate: Three years of experience under the provisional certificate and 15 hours beyond the master's degree.

4. SPECIAL SUBJECT SUPERVISOR. Requirements for *provisional* certificate: Master's degree or 36 hours of graduate work; 15 hours in supervision, including one or more courses in supervision of instruction in the special subject field; eligibility for a Rhode Island teacher's certificate in the field and three years of experience. For the *professional* certificate: Three years of experience under the provisional certificate and 15 hours beyond the master's degree.

5. SPECIAL EDUCATION SUPERVISOR. Valid for three years for teachers, supervisors, directors, coordinators, consultants, or principals in a field of specialization. Requirements for *provisional* certificate: Master's degree or 36 hours of graduate study; eligibility for a teaching certificate in the specialization and three years of experience; 15 hours in supervision. For the *professional* certificate: Three years of experience under the provisional certificate and an additional 15 hours of graduate study in a second special education area.

6. GUIDANCE SUPERVISOR. Valid for three years. Requirements for *provisional* certificate: Master's degree or 36 hours of graduate study; eligibility for Rhode Island counselor's certificate; 39 hours in guidance and counseling, including organization and administration of the guidance program; three years of experience as a counselor. For the *professional* certificate: Three years of experience under the provisional certificate.

Teachers: Elementary and Secondary

7. ELEMENTARY. Valid for teaching grades K-8 except where 7 and 8 are organized on the secondary plan. Requirements for *provisional* certificate: Bachelor's degree; professional education, 30 in courses approved for elementary teachers, including 6-12 in practice teaching. Two years of experience will be accepted in lieu of practice teaching. A special certificate (valid one year) may be issued to an appointee under a critic teacher in an approved training program on 18 hours in elementary education earned toward regular certification. For the *professional* certificate: Master's degree or 36 hours of graduate study and three years of experience under the provisional certificate.

8. SECONDARY. Valid for grades 7-12 except where 7 and 8 are organized on the elementary plan. Requirements for *provisional* certificate: Bachelor's degree; professional education, 18 in courses approved for secondary teachers, including 6 in practice teaching (or two years of experience). Specialization—English, history, modern or classical foreign language, mathematics, or speech, 18; agriculture, business, home economics, industrial arts, or social studies, 36; general, biological, or physical science, or chemistry, 24 (may include math, 6). For the *professional* certificate: Master's degree or 36 hours of graduate study, including 12 in the specialization (except foreign language 18, 6 of which may be in a related classical language); three years of experience under the provisional certificate.

9. SPECIAL SUBJECTS. Valid in elementary and secondary grades. Requirements for *provisional* certificate: Bachelor's degree; professional education, 18 in courses approved for special subject teachers, including 6 in practice teaching (or two years of experience). Specialization—art, 36; health and physical education, 36; library science, 18; music, 36. For the *professional* certificate: Master's degree or 36 hours of graduate study, including 12 in specialization for art, health and physical education, or music, or 6 for library science; three years of experience under the provisional certificate.

10. VOCATIONAL EDUCATION. Valid in secondary grades. Requirements for *provisional* certificate: Bachelor's degree; work experience; 24 hours in professional and vocational education courses. A temporary certificate, valid one year, will be issued on a high school diploma and partial fulfillment of the 24-hour requirement. For the *professional* certificate: Master's degree or 36 hours of graduate study; three years of vocational experience under the provisional certificate.

11. SPECIAL EDUCATION. Requirements: Bachelor's degree; eligibility for Rhode Island teaching certificate. Specialization—24 for deaf and hard-of-hearing, physically handicapped, emotionally handicapped, blind and partially seeing, mentally retarded areas, and speech and hearing therapy; 6-12 hours of practice teaching. The latter requirement may be waived for two years of experience or, in speech and hearing therapy, for clinical practice. For the *professional* certificate: Master's degree or 36 hours of graduate study and three years of experience under the provisional certificate.

Special School Service Personnel

12. NURSE-TEACHER. Requirements for *provisional* certificate: Bachelor's degree; graduation from an approved school of nursing; registered nurse in Rhode Island; 36 hours of approved appropriate courses. A temporary certificate, valid one year, may be issued on partial fulfillment of the 36 hours. For the *professional* certificate: Master's degree or 36 hours of graduate study; three years of experience under the provisional certificate.

13. COUNSELOR. Requirements for *provisional* certificate: Bachelor's degree; eligibility for a Rhode Island teaching certificate; 24 hours in guidance, counseling, and/or psychology; two years of teaching experience. For the *professional* certificate: Master's degree or 36 hours of graduate study; three years of experience under the provisional certificate.

14. HOME VISITOR. Valid for home visitor or attendance officer. Requirements for *provisional* certificate: Bachelor's degree; eligibility for a Rhode Island teaching certificate; 15 hours in child development or psychology, behavior problems, social case work, and child welfare and compulsory education laws. For the *professional* certificate: Master's degree or 36 hours of graduate study; three years of experience under the provisional certificate.

15. SCHOOL PSYCHOLOGIST. Requirements for *provisional* certificate: Master's degree or 36 hours of graduate study; 12 hours of appropriate education courses; 30 hours in appropriate courses for school psychologist. For the *professional* certificate: Three years of experience under the provisional certificate.

16. SCHOOL SOCIAL WORKER. Requirements: Master's degree in social work for the *provisional* certificate; three years of experience for the *professional* certificate.

South Carolina

State Certification Officer. Joseph W. Davis, Director, Office of Teacher Education and Certification, State Department of Education, Columbia, South Carolina 29201.

General Requirements. Minimum age; 18. Teaching certificates are required of administrators, supervisors, and teachers in all public schools, grades K through 12. Teachers in private and parochial schools are issued certificates only upon request. Certificates must be recorded in the office of the district superintendent. Applicants are required to take the National Teacher Examinations. Initial certificates are issued for five years and are renewable on 6 additional credit hours.

Credentials To Accompany Application. Prescribed health certificate; recommendation of preparing institution; transcript of credits to be sent directly to the State Department by the preparing institution.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT. Valid principal's or teacher's certificate; health report; five years of

experience as a teacher or principal within seven years preceding application; completion of a two-year postbaccalaureate program for superintendents and institutional recommendation.

2. SECONDARY SCHOOL PRINCIPAL. Requirements: Valid secondary teacher's certificate; health report; three years of experience as a teacher or principal within five years preceding application; master's degree; approved sequence of courses.

3. ELEMENTARY SCHOOL PRINCIPAL. Requirements: Valid elementary teacher's certificate; health report; three years of experience as a teacher or principal within five years preceding application; master's degree; approved sequence of courses.

4. SCHOOL SUPERVISOR. Requirements: Valid teacher's certificate in the area to be supervised (elementary or secondary); health report; five years of experience as a teacher or principal within seven years preceding application; master's degree; approved sequence of courses.

Teachers: Elementary and Secondary

5. ELEMENTARY. Valid for grades 1-8. Requirements: Bachelor's degree; general education, 45 (English, 12; biological and physical sciences, 12, any combination of hours; social studies—at least two fields—12; appreciation of music, 2-3; appreciation of art, 2-3; health education, 2-3); professional education, 21 (directed teaching, 6; child growth and development, principles and philosophy, methods, materials, and curriculum, 12; reading, 3); special education, 15 (3 each in literature, art, music, health, and mathematics for elementary teachers).

6. SECONDARY. Valid in specified areas for grades 7-12. Requirements: Bachelor's degree, including general education as in certificate 5; professional education, 18 (student teaching, 6; human growth and development and principles, philosophy, and general techniques—secondary level—12). Specialization—agriculture, 60; art, 24; business education, 39; distributive education, 24; English, 36; health and physical education, 24; home economics, 42; industrial arts, 24; French, 24; Spanish, 24; Latin, 24; library science, 24; teacher-librarian, 18; mathematics, 18; choral music, 30; instrumental music, 33; piano, voice, or violin, 30; science, 30; general science, 18; social studies, 30; history, 18.

7. EXCEPTIONAL CHILDREN (educable mentally retarded, trainable mentally retarded, emotionally handicapped, hearing handicapped, learning disabled, orthopedically handicapped, visually handicapped). Requirements: Bachelor's degree; general education, 42-45 (as in certificate 5); professional education, 24 (3 each in child growth and development, principles and philosophy of education, elementary curriculum, teaching reading in elementary school, introduction to exceptional children, and educational assessment; and 6 in directed teaching); specialization, 30 in prescribed courses. Teachers who hold a professional certificate in another area, preparation for which includes 3 s.h. in human growth and development or equivalent and 3 in the teaching of reading, may be certified to teach exceptional children with 15 s.h. in prescribed courses in the special area.

Special School Service Personnel

8. GUIDANCE COUNSELOR, ELEMENTARY. Requirements: Bachelor's degree; valid elementary teaching certificate; health certificate; 21 s.h. in guidance courses, at least 18 of which must be graduate (basic course in guidance, 3, which may be undergraduate; child growth and development, 6; appraisal of the individual, 6; counseling techniques, 3; practicum, 3).

9. GUIDANCE COUNSELOR, SECONDARY. Requirements:

a. ASSOCIATE. Bachelor's degree; general education, 42-45 (as in certificate 3); professional school counseling and education, 21 (3 each in principles and philosophy of education, basic guidance, vocational and occupational information, appraisal of the individual, and introduction to counseling; and 6 in practicum or internship); psychology, 9 (developmental, personality, social, learning, abnormal) and societal forces and cultural changes, 6 (sociology, economics, anthropology, political science), both of which may be included wholly or partly in required general education.

b. COUNSELOR. *Option 1*—Bachelor's degree; eligibility for certificate *a*; 21 graduate credits (psychology, 3-6; school counseling and guidance, 9-12; education, 3; practicum or internship, 3; societal forces and cultural changes, 0-3). *Option II*—Bachelor's degree; valid South Carolina teaching credential; 21 s.h. in guidance courses, 18 of which must be graduate (basic course in guidance, 3, which may be undergraduate; human growth and development, 3; appraisal of the individual, 3-6; vocational and occupational information, 3; counseling techniques, 3; practicum or internship, 3 if no shortage of previously required directed teaching, or 6).

c. ADVANCED. Master's degree; eligibility for certificate *b*; master's degree which includes an additional 9 graduate credits in counseling and guidance, education, psychology, and societal forces and cultural changes.

Other Certificates Issued

10. VOCATIONAL TRADE. Trade certificates are issued in the same groups and classes as academic certificates. These certificates are based on training and experience in the trade in which the certificate is sought and the grade on the combined practice and theory examination in that trade. College credit is not an initial requirement but is a requirement for teaching after the first year and for advancement of the certificate.

South Dakota

State Certification Officer. L. N. Pier, Administrator, Educational Standards, Division of Elementary and Secondary Education, Pierre, South Dakota 57501.

General Requirements. Minimum age, 18. Fees for certificates, original and renewal: one-year validity, $5; three-year, $6; five-year, $10; life (Advanced Professional), $10. Certificates are required (a) in all public school districts for nursery schools, kindergartens, elementary, junior high, senior high, regular high, and post-high schools, and in adult education programs except for noncredit classes; (b) in federal schools operated by the Bureau of Indian Affairs which have a contract with a public school district which expends public funds or makes charges to parents for the education of their children; (c) in private and parochial schools which operate in lieu of public education as indicated in (a). Certificates must be registered before the opening of each school year in the office of the superintendent.

Credentials To Accompany Application. For initial certificate—recommendation from approved institution, official transcript, evidence of legal age and U.S. citizenship, and oath of allegiance. For renewal—recommendation from last school employer, transcript of credits earned since original certificate or last renewal.

CERTIFICATES AND REQUIREMENTS

Only one basic certificate form is used and this is endorsed to show the following information:

A. Level of Academic Preparation
  1. Less than two-year course
  2. Approved two-year course
  4. Bachelor's degree
  6. Master's degree
  7. Approved six-year course (specialist's degree)
  8. Doctor's degree

B. Classification of Certificate
  20. Limited
  21. Nondegree elementary
  22. Elementary
  23. Secondary
  24. General (K-12)
  25. Advanced professional

C. Endorsement of Certificate
  26. Elementary principal
  27. Advanced superintendent
  28. Secondary principal
  29. Superintendent
  31. Business administrator
  32. School nurse
  34. Counselor
  35. Teacher of exceptional children (special education)
  36. School speech and hearing clinician
  37. School psychologist
  38. School psychological examiner

D. Level of Teaching Validity
  40. Common school (K-8)
  41. Elementary grades K-8, grades 7-9 in a formally organized junior high school, and grades 5-8 in an approved middle school.
  45. Secondary school grades 9-12, grades 7-9 in a formally organized junior high

school, grades 7-8 in an approved middle school, and grades 10-12 in an approved senior high school.

E. Area of Major Academic Preparation
(Bachelor's degree)
46. Elementary
50. Secondary
(Teachers must also meet accrediting standards for teaching in subject fields and areas as per regulations of the State Department of Public Instruction.)
51. Agriculture
52. Business education
53. Distributive education
54. Foreign language
55. Homemaking
56. Industrial arts
57. Language arts
58. Mathematics
59. Science
60. Social science
61. Trades and industries
62. Art (K-12)
63. Health and physical education (K-12)
64. Library (K-12)
65. Music (K-12)
66. Other

Requirements for Certificate Endorsements

NOTE: Requirements for code endorsement of areas of teaching qualifications are determined on institutional recommendation and inspection of official transcript. Major fields are indicated.

CODE 20 LIMITED. Issued to teachers who do not meet all requirements for endorsement for either elementary or secondary certification. Issued at the request of a superintendent to persons with training in specialized pupil services, *or* specialized vocational education, *or* for emergency, temporary certification.

CODE 21 NONDEGREE ELEMENTARY (K-9). Valid in grades K-8 and grade 9 in junior high school (except in K-12 systems). Requirements: Approved two-year course for elementary teachers, including general education, 45, and professional education, 15 (student teaching, 3). The requirement for teaching elementary grades of a K-12 school system is a certificate backed by a bachelor's degree.

CODE 22 ELEMENTARY (K-9). Requirements: Bachelor's degree; completion of approved four-year curriculum, including professional education, 26 (student teaching, 6), subject areas, 27, and general education, 30.

CODE 23 SECONDARY (7-12). Requirements: Bachelor's degree with a major in an academic or special field and completion of an approved four-year curriculum, including professional education, 20 (student teaching, 6); specialization, 24 in a major or 18 in a minor (required for certification in any given field).

CODE 24 GENERAL (K-12). No longer issued but renewed for those who qualify.

CODE 25 ADVANCED PROFESSIONAL. Permanent certificate endorsement, kept in force on evidence of experience or additional credits. Requirements: Five years of experience on a bachelor's degree teaching certificate; master's degree or 30 hours of graduate credit, the majority in professional education or the teaching field and at least 6 of the total earned within five years preceding the date of application for this certificate endorsement. (The latter requirement does not apply to applicants who have earned a master's degree within ten years of the date of application.)

CODE 26 ELEMENTARY SCHOOL PRINCIPAL. Requirements: Master's degree, including credits in elementary administration, supervision, curriculum, and guidance; Code 22 endorsement; two years of teaching experience in grades K-9.

CODE 27 ADVANCED SUPERINTENDENT. Requirements: Code 29 Superintendent endorsement and completion of a Code 7 approved six-year program (specialist's degree); *or* completion of a Code 8 approved doctoral program in school administration.

CODE 28 HIGH SCHOOL PRINCIPAL. Requirements: Master's degree, including credits in secondary administration, supervision, curriculum, and guidance; valid Code 23 endorsement; two years of secondary teaching experience.

CODE 29 SUPERINTENDENT. Requirements: Master's degree, including 18 hours of graduate credit in administration, supervision, guidance, and curriculum, with at least 6 elementary and 6 secondary; eligibility for Code 22 or 23 endorsement; three years of teaching experience in elementary or secondary schools.

CODE 31 BUSINESS ADMINISTRATOR. Requirements: Master's degree, including graduate credits in school accounting, finance, business administration, insurance management, building and grounds, and law; valid South Dakota teaching certificate; two years of experience.

CODE 32 SCHOOL NURSE. Requirements: Graduation from an approved school of nursing; registered professional nurse in South Dakota; bachelor's degree.

CODE 34 COUNSELOR. Requirements: Master's degree; Code 22 or 23 endorsement; approval of the Division of Pupil Personnel Services.

CODE 35 TEACHER OF EXCEPTIONAL CHILDREN (SPECIAL EDUCATION). Requirements: Code 22 or 23 endorsement; approval of the Division of Pupil Personnel Services.

CODE 36 SCHOOL SPEECH AND HEARING CLINICIAN. Requirements: Bachelor's degree; approval of the Division of Pupil Personnel Services.

CODE 37 SCHOOL PSYCHOLOGIST. Requirements: Master's degree with concentration essentially psychological in nature; approval of the Division of Pupil Personnel Services.

CODE 38 SCHOOL PSYCHOLOGICAL EXAMINER. Requirements: Master's degree with concentration psychological in nature; approval of the Division of Pupil Personnel Services.

Tennessee

State Certification Officer. Roy M. Roberts, Director of Teacher Certification, State Department of Education, 123 Cordell Hull Building, Nashville, Tennessee 37219.

General Requirements. Minimum age, 18. Initial fee, $2; no fee for renewal. Certificates are required of superintendents, supervisors, and teachers in public schools, grades K-12, and must be recorded with the employing board of education. Only two types of certificates are issued: the teacher's professional certificate based on four years of college preparation, issued for ten years and renewable on five years of experience and an additional 6 hours of credit if issued on only the bachelor's degree; and the teacher's interim certificate based on a bachelor's degree, at least 4 hours of professional education and/or psychology, and a statement of intent to employ from a superintendent. The interim certificate is valid for one year and renewable for one-year periods on 6 hours of credit applicable toward professional certification.

Credentials To Accompany Application. In-state graduates are certificated upon completion of an approved program and recommendation by the institution. Out-of-state graduates are certificated on the basis of state approval of the institution and completion of a program equivalent to this state's program. A transcript is required of all applicants.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT ENDORSEMENT. Requirements: Endorsed only on teacher's professional certificate which has already been endorsed for principal or supervisor of instruction; master's degree with a major in educational administration, including areas such as school administration, supervision, curriculum development, school finance, housing and transportation, and community relationships; five years of experience in teaching and administration.

2. PRINCIPAL ENDORSEMENT. Requirements: Endorsed only on teacher's professional certificate which has already been endorsed for grades 1-9, 7-12, or 1-12; master's degree with 10 hours in educational administration and supervision, including areas such as school administration, supervision, curriculum development, and community relationships.

3. SUPERVISOR OF INSTRUCTION ENDORSEMENT. Requirements: Endorsed only on teacher's professional certificate already endorsed for grades 1-9 and grades 7-12; master's degree with 8 hours in supervision, administration, and curriculum development; three years of experience within the last five years.

4. SUPERVISOR OF ATTENDANCE ENDORSEMENT. Requirements: Endorsed on teacher's pro-

fessional certificate; bachelor's degree with 8 hours in such areas as counseling and guidance, community relationships, social case work, and laws relating to school attendance; five years of teaching experience.

Teachers: Elementary and Secondary

5. ELEMENTARY ENDORSEMENT, GRADES 1-9. Requirements: Bachelor's degree; general education, 40 (communication, 6; health and physical education, 6; humanities, 10; natural sciences, 8; social studies, 8; mathematics, 2); professional education, 24 (core professional, including psychological foundations of education and historical, philosophical, and sociological foundations of American education; specialized professional, including materials and methods and student teaching, 4); specialized content, 26, including additional specified amounts in suggested areas in each of the areas listed in general education.

6. ELEMENTARY ENDORSEMENT, K-3. Requirements: Eligibility for certificate 5; included or additional professional education (kindergarten methods and materials; child growth and development, ages 5-10; student teaching, K-3).

7. SECONDARY ENDORSEMENT, GRADES 7-12. Requirements: Bachelor's degree; general and professional education as in certificate 5. Field of concentration—aeronautics, 12; general agriculture, 24; industrial arts, 30; fine and industrial arts, 36 (at least 14 in each); Bible, 12; business, 18 (endorsement for specific subject—bookkeeping, 10; typewriting, 6; shorthand, 6; business law, 6; economics, 12; salesmanship, 6; secretarial practice, 2; business machines, 2; business English, 2; business arithmetic, 6; clerical practice, 2; consumer education, 2); English, 24; foreign language, 18 and 2 high school units, or 24; health, 16; home economics, 24; mathematics, 18; science, 32 (including three of the areas of biological science, chemistry, physics, and geology, with endorsement to teach areas with 8; endorsement in single areas, 16); social studies, 36 (endorsement for history, 18; for other single areas, 12); speech, 14; core curriculum, 30 in either language arts or social studies and 24 in the other, and 24 in science; vocational agriculture, vocational home economics, or distributive education, completion of a four-year approved curriculum; trade shop, completion of the state plan for vocational trade shop teachers.

8. GRADES 1-12 ENDORSEMENT. Requirements: Bachelor's degree; general and professional education as in certificates 5 and 6. Field of concentration—art, 24; health and physical education, 24; teacher-librarian, 12 in books for children, reference, organization of materials, and library administration, and endorsement in another area; librarian, 18, including above 12 and books for adults, audiovisual materials, and librarianship, and endorsement in another area; music, 36; instrumental music, 42; special education, 12-30, depending on specialty.

Special School Service Personnel

9. GUIDANCE COUNSELOR (GRADES 7-12). Requirements: Eligibility for certificate 7; professional education in guidance, 18 (distributed among philosophy and principles of guidance services, personality organization and development, diagnostic tools, informational services, counseling techniques, statistics and/or research methodology, group methods in guidance, supervised practice, administration and organization of guidance services), or 14 hours in the first seven areas and one year of guidance counseling service prior to July 1, 1963; three years of teaching experience.

10. SCHOOL PSYCHOLOGICAL SERVICES WORKER. Requirements: Master's degree in psychology, including basic courses in psychology, 8; foundations of education, 6; statistics and research, 4; measurement and evaluation, 10; personality dynamics and counseling, 6; group dynamics and human relations, 2; internship, one-half year in a setting approved by the State Board of Education and the training institution.

11. SCHOOL PSYCHOLOGIST. Requirements: Doctor's degree in psychology, including all requirements for certificate 10 and additional credits as follows: basic courses in psychology, 4; foundations of education, 2; statistics and research, 4; measurement and evaluation, 2; personality dynamics and counseling, 6; group dynamics and human relations, 2, including those for certificate 9; internship, one year, including that required for certificate 10, in a setting approved by the State Board of Education and the training institution. As much as 13⅓ hours in psychology and

education courses taken at the undergraduate level may be approved for certification purposes. A temporary certificate may be issued upon completion of 58⅔ hours of graduate courses in psychology and one-half year of internship; renewable for two years upon completion of 6 hours applicable to full certification. An applicant employed as a school psychologist for three years since September 1, 1957, may be certificated.

Other Certificates Issued

12. TEMPORARY. Endorsed for grades 1-9 or for grades 7-12 in areas where subject requirements are met. Requirements: Two years of college work with 60 hours; general education, 30; professional education, 4, including psychology.

Texas

State Certification Officer. Tom T. Walker, Director, Division of Teacher Education and Certification, Texas Education Agency, Austin, Texas 78711.

General Requirements. Minimum age, 18. Fee, $2 for provisional certificates; $3 for professional certificates; $2 for one-year permits issued on college credentials by the Texas Education Agency; $1 for emergency teaching permits when requested by the employing superintendent. Credit in a Texas college or university in a course or courses in Constitutions of the United States and of Texas and 6 hours in U.S. history are required for all certificates. Certificates are required of administrators, supervisors, teachers, and special service personnel in public elementary and secondary schools, and in special state schools such as those for the blind and the deaf. Certificates must be recorded in the county superintendent's office.

Credentials To Accompany Application. In-state graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested. Out-of-state graduates are certificated on the basis of an out-of-state valid certificate or other evidence of quality of preparation, having completed a program bearing on the certificate requested. Also required: transcript; evidence of legal age, U.S. citizenship, and oath of allegiance.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. ADMINISTRATOR.

a. PROFESSIONAL ADMINISTRATOR. Valid for all administrative positions other than superintendent. Requirements: Provisional certificate; master's degree; two years of classroom experience; completion of approved program and administrative internship; total of 45 hours of graduate credit.

b. PROFESSIONAL SUPERINTENDENT. Requirements: Same as certificate *a*, except total of 60 hours of graduate credit.

2. SUPERVISOR OF INSTRUCTION, PROFESSIONAL. Valid for grades 1-12; permanent. Requirements: Provisional certificate with a teaching specialization designation; three years of teaching experience in the assigned area; 30-hour graduate program approved for supervisors.

Teachers: Elementary and Secondary

3. ELEMENTARY. Valid for life for grades K-8 and grade 9 in junior high school. A professional certificate is available on 30 hours above the bachelor's degree in an approved program. Requirements: Bachelor's degree; general education, 60 (specification left to the preparing institution); professional education, 18 (elementary education, 12; student teaching, 6); content courses for teaching elementary grades, 12; academic minor, 18; combination area of courses appropriate to elementary curriculum, 12-18.

a. KINDERGARTEN. Certificate 3 may be endorsed for kindergarten with 9 s.h. in the specialty, including 3 of practicum.

4. GENERAL SECONDARY. Valid for life for grades 7-12. A professional certificate is available as in certificate 3. Requirements: Bachelor's degree; general education, 60 (same as certificate 3); professional education, 18 (secondary educa-

tion, 12; student teaching, 6); field of concentration, 48, or 24 in each of two fields.

a. DRIVER EDUCATION. Requirements: Meet requirements for certificate 4, plus 6 hours in safety and driver education, including an approved course for teachers of driver education.

5. SECONDARY VOCATIONAL SUBJECTS. Valid for life. A professional certificate is available as in certificate 3. Requirements: Bachelor's degree; general education, approximately 60; professional education, 18 (same as certificate 4). Field of concentration—agriculture, 54; home economics, 45; distributive education, three years of recent occupational experience in distributive business.

a. TRADES AND INDUSTRIAL EDUCATION. Valid for life. A professional certificate is available as in certificate 3. Requirements: High school graduation; two years of post-high school training; seven years of experience in the trade; 12 hours of specified teacher education courses. (An emergency permit may be issued to the employing superintendent when an applicant meets all requirements except the 12 hours in teacher education.)

6. SPECIAL SUBJECTS, ALL GRADES. Valid for life for teaching art, health and physical education, music, or speech-drama in grades 1-12 as designated on the certificate. A professional certificate is available as in certificate 3. Requirements: Bachelor's degree; general education, 60 (same as certificate 3); professional education, 18 (professional, 6; elementary education, 3; secondary education, 3; elementary and secondary student teaching, 6); specialization—art, 48 (to provide the teacher with knowledge and skills required by a 12-grade curriculum); music, 48 (same as above); health and physical education, 24 (same as above and another teaching field of at least 24 hours); speech-drama, 48 (same as above).

7. SPECIAL EDUCATION. Valid for life for teaching in the area designated on the certificate. A professional certificate is available as in certificate 3. Requirements: Bachelor's degree; general education, 60 (same as in certificate 3); professional education, 18 (elementary education, 12; student teaching, 6). Student teaching for physically handicapped, mentally retarded, and deficient vision should be in both the special area and regular classroom teaching; for speech and hearing therapy and deaf or severely hard-of-hearing, in the special area. Field of concentration:

a. PHYSICALLY HANDICAPPED OR MENTALLY RETARDED. Survey course in education for exceptional children, 3; courses directly related to teaching physically handicapped or mentally retarded, as applicable, 9; completion of requirements in content courses for teachers in elementary or secondary schools, whichever is applicable.

b. DEFICIENT VISION. Survey course in education for exceptional children, 3; courses directly related to teaching children who are partially sighted or blind, 12 (ability to read and write Braille and to teach the reading and writing of Braille must be included); completion of content course requirements for the elementary or secondary schools, whichever is applicable.

c. DEAF OR SEVERELY HARD-OF-HEARING. Survey course in education for exceptional children, 3; courses directly related to teaching deaf children, 18 (including 3 in techniques and interpretation of hearing tests, 6 in speech development for the deaf, 6 in language development for the deaf); content courses required for elementary schools, 9; professional education, 12.

d. SPEECH AND HEARING THERAPY. Survey course in education for exceptional children, 3; professional education, 12; speech and hearing, 27 (including 200 clock hours of clinical practice).

e. LANGUAGE AND/OR LEARNING DISABILITIES. Completion of 24 hours in professional elementary education and content courses, or completion of a secondary certificate program (3 hours in survey in education for exceptional children, 3 in human development, 3 in learning theory, 9 in the specialty, and 6 in directed teaching which must be in both special education and the regular classroom).

f. EMOTIONALLY DISTURBED. Completion of requirements for teaching in elementary or secondary school, whichever is applicable; 12 hours in professional elementary or secondary education; 9 hours in the specialty, including 54 clock hours of practicum experience; 6 hours of practice teaching.

Special School Service Personnel

8. COUNSELOR, PROFESSIONAL. Valid in a designated area; permanent. Requirements: Pro

visional certificate and three years of teaching experience on the level to be served; 30-hour graduate program approved for counselors.

9. LIBRARIAN. Valid for life for service as a librarian in grades 1-12. A professional certificate is available as in certificate 3. Requirements. Bachelor's degree; certificate 3 or 4; 18 hours in library science, including 3 in school practice.

10. SCHOOL NURSE. Valid on all levels; validity depends upon current registration as a registered nurse. A professional certificate is available as in certificate 3. Requirements: Texas RN license or appropriate bachelor's degree.

11. SCHOOL PHYSICIAN. Requirements: Doctor of medicine degree and a valid license to practice in Texas.

12. VISITING TEACHER. Requirements: Bachelor's degree; eligibility for certificate 3 or 4 and three years of experience; additional 36 hours above the bachelor's degree.

Other Certificates Issued

13. ONE-YEAR PERMIT. Issued to applicants who hold an out-of-state valid standard certificate. One year is allowed to complete the required course in Texas and U.S. Constitutions.

14. EMERGENCY TEACHING PERMIT. Issued on the request of an employing superintendent who certifies to an emergency situation within his school district. Valid for one year only in the school system through which the request is made; renewable on completing one-third of a plan for removing deficiencies for a valid certificate. Requirements: Bachelor's degree with a major in the area of assignment for secondary teaching, or 12 hours of elementary education for elementary teaching.

Utah

State Certification Officer. Vere A. McHenry, Administrator, Division of Teacher Personnel, State Board of Education, University Club Building, Salt Lake City, Utah 84111.

General Requirements. Fee, $2. Certificates are required of administrators, supervisors, and teachers in all public schools, kindergarten through grade 12, and of nonteaching professional special service personnel. Certificates are issued for five years unless otherwise specified and are renewable for five years on 6 hours of approved graduate study.

Credentials To Accompany Application. Instate graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested.

Reciprocity. An appropriate Utah certificate will be issued to a graduate of a four-year teacher preparation program which was, at the time of the applicant's graduation, state approved under standards contained in U.S. Office of Education Circular 351, *Proposed Standards for State Approval of Teacher Education* (Revised), or equivalent, at an institution accredited by (a) the National Council for Accreditation of Teacher Education (NCATE), or (b) one of the six major regional accrediting associations. Utah is also a member of the Interstate Certification Reciprocity Compact and has contracted with a number of states for the mutual acceptance of certificates issued by the other states. Information as to states which are party to this agreement is available from the Division of Instructional Support Services, State Board of Education.

CERTIFICATES AND REQUIREMENTS

Administrators

1. SCHOOL ADMINISTRATOR. Valid for five years; may be endorsed as follows:

a. SUPERINTENDENT. Requirements: Hold or be eligible for certificate 2 or 3; bachelor's degree; completion of a planned two-year graduate program for administrators, preferably including the master's degree, and institutional recommendation; three years of acceptable experience as verified and endorsed by the local school districts on State Board of Education forms; one year of administrative experience or internship.

b. ELEMENTARY PRINCIPAL. Requirements: Hold or be eligible for certificate 2 issued upon completion of a bachelor's degree; planned two-year graduate program for administrators, preferably including the master's degree, and institutional recommendation; three years of acceptable experience as verified and endorsed by the local school districts on State Board of Education forms, including one year of elementary administrative experience or internship.

c. SECONDARY PRINCIPAL. Requirements: Hold or be eligible for certificate 3 issued upon completion of a bachelor's degree; planned two-year graduate program for administrators, preferably including the master's degree, and institutional recommendation; three years of acceptable experience as verified and endorsed by the local school districts on State Board of Education forms, including one year of secondary administrative experience or internship.

Teachers: Elementary and Secondary

2. ELEMENTARY SCHOOL TEACHER, BASIC PROFESSIONAL. Valid in grades 1-6 and in early childhood education where standards have been met for early childhood endorsements; also valid in junior high school grades provided the applicant has a major and minor or a composite major in an assigned subject. This certificate does not cover professional services for which special certificates are required. Requirements: Bachelor's degree with 30% of total credits in a teaching field and 20% in professional education, including student teaching and psychology of learning.

3. SECONDARY SCHOOL TEACHER, BASIC PROFESSIONAL. Valid in grades 7-12. This certificate does not cover professional services for which special certificates are required. Requirements: Bachelor's degree with 34% of total credits in a teaching major and minor or composite major in subjects taught in Utah secondary schools and 17% in professional education, including student teaching and psychology of learning.

4. ELEMENTARY AND SECONDARY, PROFESSIONAL. Requirements: Hold or be eligible for certificate 2 or 3 and three years of experience verified on State Board forms; completion of a fifth year of approved planned preparation (may include master's degree or 36⅔ hours; must include 24% or 8 hours each in subject matter and professional education areas).

Special School Service Personnel

5. COUNSELOR. Requirements: Certificate 2 or 3; master's degree; 24 hours as outlined by the State Board of Education in counseling, understanding and studying the individual, information services, counseling services, administrative and community relationships (some related work acceptable as part of the 24 hours).

Other Certificates Issued

6. TEACHERS OF EXCEPTIONAL CHILDREN.

7. SCHOOL SERVICE PERSONNEL (social worker, psychologist).

Vermont

State Certification Officer. Robert B. Vail, Director of Teacher and Continuing Education, State Department of Education, Montpelier, Vermont 05602.

General Requirements. Minimum age, 19; maximum age, less than 70 at the beginning of the school year. Initial certificate fee, $10. Certificates are required of administrators, supervisors, and teachers in public elementary and secondary schools, and of special service personnel. Initial teaching certificates are called professional probationary, are issued for one year, and are renewable upon recommendation of the employing administrator and convertible on two to four years of successful experience to five-year professional standard certificates. Professional standard certificates are renewable for five years on 6 hours of college credit or equivalent in an approved local program.

Credentials To Accompany Application. In-state graduates and graduates of institutions with state and regional accreditation are eligible for certification on the basis of a statement from the preparing institution of satisfactory completion of a program bearing on the certificate requested. For nonresidents, a transcript, character and professional references, and assurance of a position are also required.

Reciprocity. Graduates of approved programs under the Interstate Certification Reciprocity Compact are eligible for certification with a certificate or transcript bearing institutional endorsement.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. SUPERINTENDENT. Requirements: Graduate credits, 30 (including 24 in professional education and educational administration); five years of successful teaching and administrative experience; college transcripts showing high scholarship; satisfactory personal and leadership credentials. The certificate is renewable for five years on completion of a sixth year of advanced study in educational administration, or equivalent of 60 hours of graduate credit.

2. PRINCIPAL. Requirements: Valid teaching certificate and two years of satisfactory teaching or equivalent experience, plus recommendations; elementary or secondary teaching principals must have 6 hours of graduate work in educational administration; regular principals must have 18 in educational administration and instruction. The certificate is renewable for five years on recommendation of last and/or current superintendent, plus 6 hours of approved graduate credit.

Teachers: Elementary and Secondary

3. PROFESSIONAL PROBATIONARY (for beginning teachers). Requirements: (a) Graduation from a Vermont, other state, or nationally approved teacher preparation program and institutional recommendation; or (b) graduation from an accredited four-year college and engagement in a professionally supervised approved program which is to be completed within the first four years of teaching; or (c) recommendation by the superintendent of schools and local evaluation agency as having academic background and experience equivalent to minimum requirements.

4. PROFESSIONAL STANDARD. Requirements: (a) Successful completion of probationary period, recommendation of the superintendent of schools, local evaluation agency, or appointed peer committee; or (b) valid comparable certificate from a reciprocal state or completion of a nationally approved program.

5. PROFESSIONAL CONTINUING. Requirements: (a) Master's degree in the special field or area or fifth-year certificate of graduate study, or (b) completion of 30 hours in an approved planned program; five years of continuous successful teaching on the standard certificate, as attested to by the superintendent and peer group selected by the Division of Teacher Education Service; statement of long-range plans for career and professional growth. The certificate is also issued on recommendation of an approved local evaluation agency in lieu of the foregoing requirements. The continuing certificate is to be reaffirmed at ten-year intervals by a written report to the State Department of Education and verified by the employing superintendent.

GENERAL REQUIREMENTS. All professional certificates must carry one or more endorsements indicating the subject, specialty, or instructional level or range; endorsements expire with the certificate. For departmentalized schools, applicants must have an academic concentration or major directly related to the teaching field taken in an accredited college and at least 15 hours in any subject to be taught, even as a minor assignment. For nondepartmentalized schools, applicants must have 75 hours of general education distributed over at least four academic areas. Teaching level requirements as follows:

a. ELEMENTARY. Adequate background in English composition and language, literature, speech, arts and crafts, health and physical education, mathematics, music, sciences, and social studies, and methods and materials in these subjects; professional study and laboratory experience, as well as theory and practice, with nursery, kindergarten, and primary-age children.

b. SECONDARY. Guidelines for determining adequate preparation for all secondary subjects are now being drawn up by the Vermont Board of Education. These will give a comprehensive view of the background and materials necessary for successful teaching in each subject. Policy is toward strong background in the field to be taught, with increasing reliance on approved programs.

6. SPECIAL EDUCATION. Regular teachers may be certified in special education with 6 hours in special education classes. Speech therapists, school psychologists, resource consultants for the

visually handicapped, and consulting teachers in special education must have a master's degree.

7. VOCATIONAL EDUCATION (TRADE AND INDUSTRY). Requirements: Two years of recent trade experience; ability to contribute to a school program; recommendation from a superintendent or a committee of peers as competent to perform as a professional teacher; accepted by the State Department of Education, Vocational-Technical Division.

Special School Service Personnel

8. GUIDANCE COUNSELOR. Requirements: Courses should include professional studies in counseling theory and practice; group counseling procedures; professional studies concerned with understanding the individual, including human development, personality theory, testing and other methods of psychological and educational appraisal; history and philosophy of education as well as understanding the educational environment; economic, psychological, and sociological aspects of work and vocational development; statistics and research methodology; legal responsibilities and professional ethics; supervised experience in counseling; philosophical foundations of pupil personnel services.

9. SCHOOL LIBRARY-MEDIA SPECIALIST. Requirements: for *elementary* school: Valid professional elementary or junior high general teaching certificate and 30 hours in approved library science program, *or* 18 in administration of media center, selection of books and materials, use of media center and resources, classification and cataloging of materials, newer educational media, and reference services. For *secondary* school: Eligibility for secondary standard certificate and a master's degree or 30 hours in library science.

10. SCHOOL LIBRARIAN. Requirements: Preparation should include general education, subject matter specialization, professional education, and specialized preparation for librarianship of at least one year's duration (administration and organization of library, fundamentals of library science, library materials and services, cataloging, classification and management of these operations; relations with mass media and general public relations; selection and supervision of personnel; techniques of library service in field of research; expansion of kinds of library services; development of in-service programs in library use; administration of media center; ability to work productively with teachers and children; attention to study of audiovisual or multimedia presentations).

Virginia

State Certification Officer. A. Gordon Brooks, Director, Division of Teacher Education and Certification, State Board of Education, Richmond, Virginia 23216.

General Requirements. Minimum age, 18. U.S. citizenship. No fee. Virginia law provides that no teacher can be regularly employed or paid from public funds unless he holds a certificate in full force in accordance with State Board of Education certification regulations. Virginia issues only two regular renewable certificates, the collegiate professional and the postgraduate professional; and one temporary, nonrenewable certificate, the collegiate. Each of these authorizes teaching or other service only in fields endorsed on the certificate, the endorsements being determined by the applicant's transcripts.

Credentials To Accompany Application. Personal data form; recommendation of preparing institution and last employing officer; official transcript to be sent directly by the institution.

CERTIFICATES AND REQUIREMENTS

A. COLLEGIATE PROFESSIONAL. Valid for five years. Requirements: *Secondary teachers*—bachelor's degree; general education, 48 (humanities, to include English composition, 12; social science, to include U.S. history, 12; health and physical education, 4; laboratory science and mathematics, 12); professional education, 15. *Elementary teachers*—bachelor's degree; general education, 60 (English, 18, to include children's literature; social science, 18, to include U.S. history and a course in economics; health and physical education, 6; science, 6; mathematics, 6; art, 3; music, 3); professional education, 18.

B. POSTGRADUATE PROFESSIONAL. Valid for ten years. Requirements: Certificate A; three years of successful teaching or supervisory experience at the elementary or secondary level; recommendation of the division superintendent of schools; master's or doctor's degree.

C. COLLEGIATE. Valid for three years for high school teaching. Requirements: Bachelor's degree with sufficient credit for endorsement in one or more academic fields; recommendation of the preparing institution. The applicant must meet requirements in professional education for certificate A within five years.

Administrators and Supervisors

1. DIVISION SUPERINTENDENT. Requirements: Master's degree; graduate work, 60 (history or philosophy of education, supervision and curriculum development, administration, finance, law, plant, personnel management or school-community relations, research or statistical methods); evidence of good character, outstanding ability, and leadership qualities; five years of full-time public school administrative or supervisory experience, including two in a principalship; a portion of the required professional training or experience must have been attained within the four years preceding application.

2. HIGH SCHOOL PRINCIPAL. Requirements: Certificate B and three years of experience as a teacher, administrator, or supervisor, some at the secondary level; graduate credit in administration, supervision, and curriculum.

3. ELEMENTARY SCHOOL PRINCIPAL. Requirements: Certificate B; professional education should include graduate study in supervision, administration, and curriculum; three years of successful experience as a teacher, administrator, or supervisor, some at the elementary school level; leadership qualities and personal characteristics necessary for working with teachers, parents, and children.

4. SUPERVISOR. Requirements: Certificate B; 12 hours of graduate study in supervision and related fields, such as curriculum development, school organization and administration, instructional procedures and materials, research techniques, interpretation and use of tests, evaluation of instruction, and child growth and development; leadership qualities and personal characteristics necessary for working effectively with teachers, principals, and other adults; five years of recent and successful school experience.

Teachers: Elementary and Secondary

5. ELEMENTARY. Requirements for *grades 4-7:* Certificate A or B with student teaching in one or more of grades 4-7. Requirements for *grades 1-3:* Certificate A or B with student teaching in one or more of grades 1-3.

6. KINDERGARTEN. Requirements: Same as for endorsement in elementary education except student teaching in kindergarten and some special work dealing with health, educational, and developmental needs of children from 3 to 6 years of age.

7. HIGH SCHOOL. Endorsement to teach a subject in high school may be placed on certificate A or B, and except where otherwise indicated, on certificate C. Requirements for endorsements: Vocational agriculture—completion of curriculum in an approved college and a B.S. in agricultural education; art—30; business education—45; dramatics—12; driver education—specific preparation in the field; English—30; health and physical education—36; vocational home economics—45, and bachelor's degree from approved college; industrial arts—30; journalism—12; mathematics—27; mechanical drawing—6; music—36; psychology—24; speech—12; biology—24; chemistry—24; physics—20; general science—24; history and social science—42; economics—18; geography—18; government—18; history—24; sociology—18; distributive education—technical education, 18, and work experience; library science—18, and 3 hours of school library practice.

8. SPECIAL EDUCATION. Requirements: Certificate A and specific endorsement requirements as follows: hearing disorders, 33; emotionally disturbed, 30; mentally retarded, 27; physically handicapped, 27; speech disorders, 33; visually impaired, 30; learning disabilities, 27.

Special School Service Personnel

9. VISITING TEACHER. Requirements: Certificate A; 18 hours of graduate study in four areas selected from psychology, mental health, child welfare, case work, problems of the visiting teacher, and guidance; three years of successful classroom teaching experience or a combination of teaching and social work experience; personal qualities needed to command respect and exercise leadership.

10. GUIDANCE COUNSELOR. For assignment for three or more periods a day in one or more schools in counseling and related guidance services. Requirements: Certificate A; one or more years of successful teaching experience; 15 hours (preferably graduate) in counseling, tests and measurements, and two other areas selected from principles and practices of guidance, occupational education information (including curricular offerings), and understanding the individual (in relation to his educational needs); personal qualities which merit the confidence and respect of pupils, parents, teachers, and school administrators. A *coordinator* of guidance services within a school should have completed a graduate course in organization and administration of a guidance program. A coordinator of guidance services within a school division should have completed a graduate course in methods of educational research.

Washington

State Certification Officer. Lillian Cady, Director of Professional Education and Certification; Charles W. Iles, Supervisor of Certification, State Office of Public Instruction, Old Capitol Building, Olympia, Washington 98504.

General Requirements. Minimum age, 18. Fee, $1. Certificates are required of administrators, supervisors, and teachers in all public schools, kindergarten through high school, and in private and parochial schools, and must be registered in the office of the intermediate school district superintendent. The initial teaching certificate is issued for three years and is renewable for three years unless otherwise specified; may be converted to a standard certificate, valid for continuous service and for five years thereafter, upon completion of a fifth year of college study and two years of successful experience.

Credentials To Accompany Application. Instate graduates are certificated on the basis of a statement from the preparing institution of satisfactory completion of an approved program bearing on the certificate requested and a transcript of the college record. Out-of-state graduates are certificated on the basis of records from an institution accredited by its state board of education showing that requirements for certification have been satisfied. Also required: Evidence of U.S. citizenship or declaration of intention, health certificate, and evidence of employment in the case of out-of-state applicants.

Reciprocity. Candidates holding out-of-state certificates or credentials have the option of applying for certification under either 1971 or previously adopted standards.

a. Graduates of institutions accredited by NCATE or of out-of-state accredited four-year institutions who hold or are eligible for comparable certificates in another state, territory, or possession of the U.S. may be granted temporary certificates with appropriate endorsements.

b. Graduates of accredited out-of-state institutions who do not meet requirements cited and who wish Washington certification shall meet requirements established by a consortium of institutions and agencies with approved programs in the state.

c. Experienced persons who hold certificates from other states and have been granted a temporary certificate may apply for initial or continuing certification to in-state consortiums of agencies with approved programs as soon as they are employed in Washington. These consortiums shall have procedures that ensure fair and prompt assessment of an applicant's qualifications and shall make appropriate recommendations regarding his certification.

CERTIFICATES AND REQUIREMENTS

Administrators

1. ELEMENTARY SCHOOL PRINCIPAL. Requirements: Standard general or elementary teaching certificate; for the *provisional* credential, three years of successful teaching experience, including two elementary, and 16 hours beyond the bachelor's degree in an approved program in school administration, curriculum, and supervision, 6 of them earned after completion of the fifth college year; for the *standard* credential, three years of successful experience as a principal, including two in an elementary school with six or more teachers, 8 additional hours in an approved program, and a master's degree.

2. SECONDARY SCHOOL PRINCIPAL. Requirements: Standard general or secondary teaching certificate; for the *provisional* credential, three years of successful teaching experience, including two years in a junior, senior, or four-year high school, and 16 hours beyond the bachelor's degree in an approved program in school administration, curriculum, and supervision, 6 of them earned after completion of the fifth college year; for the *standard* credential, 8 additional hours in an approved program and three years of successful experience as a secondary principal, including two in an accredited junior, senior, or four-year high school, and a master's degree.

3. GENERAL PRINCIPAL. Requirements: Standard teaching certificate; for the *provisional* credential, three years of successful teaching experience, including one elementary and one secondary, and 16 hours beyond the bachelor's degree in an approved program in school administration, curriculum, and supervision, 6 of them earned after completion of the fifth college year; for the *standard* credential, three years of successful experience as a principal, including one in an elementary school of six or more teachers and one in an accredited junior, senior, or four-year high school, 8 additional hours in an approved program, and a master's degree.

4. SUPERINTENDENT. Requirements: Standard teaching, standard elementary, or standard secondary certificate; three years of successful teaching and four years of successful administrative experience; 8 hours in an approved program in school administration, curriculum, and supervision in addition to courses required for the standard principal's credential; for the *standard* credential, three years of successful experience as a superintendent and 8 additional hours in approved courses.

Teachers: Elementary and Secondary

5. PROVISIONAL TEACHING. Valid for grades K-12. Requirements: An approved program of teacher preparation. State guidelines recommend 35% general education, 35% subject specialization, 20% professional, and 10% electives. Fifty percent of the fifth-year study should be at upper-division or graduate level and no more than 8 hours of credit should be through extension or correspondence study.

6. SECONDARY, PROVISIONAL. Valid for grades 7-12. Requirements: Bachelor's degree from an accredited out-of-state institution; valid secondary certificate for another state.

7. ELEMENTARY, PROVISIONAL. Valid for grades K-9. Requirements: Bachelor's degree from an accredited out-of-state teacher education institution; valid elementary certificate for another state.

8. SECONDARY, VOCATIONAL SUBJECTS. Requirements: Teachers of vocational education courses must qualify for vocational certification as designated in the State Plan. Vocational education teachers who are assigned to teach subjects in a regular secondary school program must hold a secondary certificate also. Teachers of vocational home economics must meet the certification requirements of the state for general and professional education.

ALTERNATE STANDARDS

Under 1971 *Guidelines and Standards for the Development and Approval of Programs of Preparation Leading to the Certification of School Professional Personnel*, three *types* of certificates are provided for:

1. TEACHER CERTIFICATE, authorizing service in the primary role of teaching.

2. ADMINISTRATOR CERTIFICATE, authorizing service in the primary role of general school administration, program administration, and/or supervision.

3. EDUCATIONAL STAFF ASSOCIATE CERTIFICATE, authorizing service in roles of specialized assistance to the learner, the teacher, the administrator, and/or the educational program.

Three *levels* of certificates are provided for each certificate type:

1. PREPARATORY CERTIFICATE, authorizing experiences in school or school-related settings designed to develop competence at the initial level of certification; valid for one year and renewable.

2. INITIAL CERTIFICATE, authorizing particular school service and allowing the holder to assume independent responsibility for working with children, youth, and adults; endorsed to indicate grade level(s), content area(s), and/or specialization(s) for which the applicant has been prepared; valid for three years and renewable once.

3. CONTINUING CERTIFICATE, authorizing career school service, assuming continued professional development; endorsed to indicate grade level(s), content area(s), and/or specialization(s) for which the applicant has been prepared; valid for continuous service; subject to renewal on non-use for more than four years.

West Virginia

State Certification Officer. Thomas J. McGinnis, Jr., Director, Division of Teacher Certification; Phil E. Suiter, Director, Division of Teacher Education, State Department of Education, Charleston, West Virginia 25305.

General Requirements. Minimum age, 18; U.S. citizenship. No fee. Certificates are required of administrators, supervisors, and teachers in all public schools, kindergarten through adult education. The certificate must be on file in the office of the county superintendent. Initial certificates are issued provisionally for a three-year period to run concurrently with the probationary contract and may be converted to five-year certificates with 6 hours of approved credit and three years of successful experience. First-class temporary certificates are issued for one year to persons who have completed three-fourths of the professional and teaching field requirements.

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. COUNTY SUPERINTENDENT. Requirements for *provisional* Professional Administrative Certificate: Professional Certificate for teaching; five years of public school experience, including three of classroom teaching; master's degree relevant to school instruction; a 24-hour program in administration, supervision, and related areas. For the *permanent* certificate: Completion of a sixth-year program in school administration; three years of experience as a superintendent or assistant superintendent.

2. SECONDARY PRINCIPAL. Requirements for *provisional* Professional Administrative Certificate: Professional Certificate for teaching in the secondary schools; three years of classroom teaching experience in secondary schools; master's degree relevant to school instruction; an 18-hour program in school administration, supervision, and related areas. For the *permanent* certificate: Three years of experience as a secondary principal or assistant principal; completion of a 24-hour program designed for secondary principals; recommendation of the college and of the superintendent under whom the applicant last served as a principal.

3. ELEMENTARY AND/OR JUNIOR HIGH PRINCIPAL. Requirements for *provisional* Professional Administrative Certificate: Professional Certificate for teaching in the self-contained classroom; three years of classroom teaching experience in grades 1 through 9; master's degree relevant to school instruction; an 18-hour program in school administration, supervision, and related areas. For the *permanent* certificate: Three years of experience as elementary and/or junior high principal or assistant principal; completion of the 24-hour program designed for elementary principals; recommendation of the college and of the superintendent under whom the applicant last served as a principal.

4. SUPERVISOR (GENERAL AND SPECIAL). Re-

quirements for *permanent* Professional Administrative Certificate: Professional Certificate for teaching; three years of teaching experience; master's degree relevant to school instruction; a program consisting of specified areas and on-the-job training; two years of experience as a supervisor; recommendation of the college and of the superintendent under whom the applicant last served as a supervisor.

Teachers: Elementary and Secondary

5. PROVISIONAL PROFESSIONAL. Valid for teaching in grades 1-9, 7-12, early childhood through 3, or 1-12, in keeping with the curricula completed by the applicant. Requirements: Bachelor's degree; general education, 40; professional education, 20, including human development basic to all levels, and methods and student teaching appropriate to grade levels for which endorsement is desired; teaching area specialization, 21-52. May be converted to the standard five-year professional certificate. The standard certificate becomes permanent with a master's degree and five years of teaching experience or on the third renewal.

Wisconsin

State Certification Officers. Lond Rodman, Director, Bureau of Teacher Education and Certification; Albert Moldenhauer, Program Administrator, Teacher Certification, State Department of Public Instruction, 126 Langdon, Madison, Wisconsin 53702.

General Requirements. Fee, $5. Certificates are required of administrators, supervisors, special service personnel, and teachers in public schools and in special state schools (schools for the blind, deaf, other handicapped, and schools of correction). Initial teaching licenses are issued for three years and are renewable; unlimited (life) certificates may be granted after three years of successful experience in Wisconsin public schools. Initial certificates for supervisors and administrators are issued for three years and may become permanent on three years of successful experience and two post-master's courses.

Credentials To Accompany Application. In-state graduates are certificated on the basis of recommendation from the preparing institution based on successful completion of an approved program in the subjects and/or grades for which certification is requested. Out-of-state graduates are certificated on the basis of verified completion of an approved program (professional education sequence) at an institution that holds at least regional accreditation; a transcript of credits is required to determine whether preparation is substantially equivalent to approved programs in Wisconsin.

Reciprocity. Under the Interstate Certification Reciprocity Compact, of which Wisconsin is a member, an applicant may be issued certification in Wisconsin if he (a) completed an approved program after January 1, 1964, in any state that has entered into agreement and has a recommendation from the preparing institution, or (b) has at least an initial certificate, based on a baccalaureate or higher degree, from any participating state and has had at least three years of successful teaching experience during the last seven years (at least two under said certificate).

CERTIFICATES AND REQUIREMENTS

Administrators and Supervisors

1. DISTRICT ADMINISTRATOR. Requirements: Eligibility to hold a Wisconsin license to teach; three years of successful teaching experience; master's degree with graduate courses in school administration, supervision of instruction, school business administration, and at least three electives chosen from such areas as curriculum, problems, issues and trends in education, educational measurement, psychology, guidance, school finance, school law, secondary school supervision and curriculum (if licensed to teach at the elementary level), and elementary supervision and curriculum (if licensed to teach at the secondary level). Applicants who have a master's degree in a field other than educational administration must complete additional graduate work in the areas prescribed.

2. SENIOR HIGH SCHOOL PRINCIPAL. Requirements: Eligibility to hold a Wisconsin license to teach in secondary schools; three years of teaching in secondary schools; master's degree; graduate courses in administration, supervision of instruction (secondary), and three electives chosen from such areas as secondary curriculum, problems, issues and trends in education, educational measurement, adolescent psychology, guidance, school finance, and school law. Applicants who have a master's degree in a field other than secondary school administration must complete additional graduate work in the areas prescribed.

3. ELEMENTARY PRINCIPAL. Requirements: Eligibility for certification to teach at the elementary level; three years of elementary school teaching; master's degree; graduate courses totaling 16 hours in administration, supervision of instruction (elementary), and electives in elementary curriculum, guidance, child psychology, educational measurement, and problems, issues, and trends in education. Applicants who have a master's degree in a field other than school administration must complete an additional 16 s.h. of graduate work in the areas prescribed.

4. JUNIOR HIGH SCHOOL PRINCIPAL. Requirements: Meet requirements for certificate 2 or 3.

5. SUPERVISOR. Requirements: Eligibility to hold a Wisconsin teaching license at the level for which supervisory certification is requested; three years of teaching at that level; master's degree; graduate courses in curriculum, supervision, educational measurement, guidance, and child or adolescent psychology.

6. SCHOOL BUSINESS MANAGER. Requirements: (a) Certificate 1 and three years of experience; or (b) master's degree, 9 graduate credits in school business administration, 9 graduate or undergraduate credits in business administration and 9 in educational foundations; or (c) five years of service as business manager in Wisconsin schools as of July 1, 1972.

Teachers: Elementary and Secondary

7. NURSERY - KINDERGARTEN. Requirements: Bachelor's degree based on completion of an approved program in early childhood education (must include methods and student teaching at the kindergarten and nursery school levels).

8. ELEMENTARY (K-8). Requirements: Bachelor's degree based on completion of an approved program in elementary education of at least 26 hours, including methods, educational psychology, and 5 hours of student teaching.

9. SECONDARY (7-12). Requirements: Bachelor's degree based on completion of an approved program, including an 18-hour professional education sequence (educational psychology, methods in the major subject, student teaching, electives) and a 34-hour major and 22-hour minor or 54-hour approved broad-field major. (Social studies, economics, and agriculture teachers must complete the legislative requirement in instruction in consumer cooperatives/cooperative marketing; social studies and science teachers must complete the requirement of instruction in conservation of natural resources.)

10. SPECIAL SUBJECTS (agriculture, art, commerce, home economics, industrial arts, music, physical education). Requirements: Bachelor's degree; professional education as in certificate 9; 34-hour major. (Applicants requesting K-12 certification must complete student teaching and methods work at both elementary and secondary levels.)

11. TEACHERS OF HANDICAPPED CHILDREN. Requirements: Bachelor's degree, including an 18-hour general professional education sequence (including student teaching with normal children), plus a professional sequence in a specific special education area, including methods and student teaching.

Special School Service Personnel

12. SCHOOL SOCIAL WORKER. Requirements: Master's degree in social work; professional education, 18; one year of successful experience.

13. SCHOOL PSYCHOLOGIST. Requirements: Master's degree in psychology or education; 42 hours of graduate work in psychology and education (psychological foundations, 12; psychological methods and training, 15; educational foundations, 6; school organization and programs, 9; institutional recommendation.

14. SCHOOL COUNSELOR, PROVISIONAL. Valid for five years; nonrenewable. Requirements: Bachelor's degree; eligibility for a Wisconsin teaching license; two years of teaching experi-

ence; 18 hours of graduate credit in education and guidance covering specified competency areas.

15. SCHOOL COUNSELOR, PROFESSIONAL. Valid for five years and renewable. Requirements: Eligibility for certificate 14; two years of successful experience as a counselor; one year of accumulated work experience since high school graduation in fields other than education; master's degree in counseling and guidance or 30 semester hours of appropriate graduate credit; competency in specified areas.

Wyoming

State Certification Officer. Elmer L. Burkhard, Director, Division of Certification, Placement, and Teacher Education, State Department of Education, Cheyenne, Wyoming 82001.

General Requirements. No minimum age specified. Fee, $15 for first (initial) certificate, $10 for second (standard) certificate. Applicants are required to pass examinations on the Constitutions of the United States and of Wyoming or to present college credit in same. Certificates are required of administrators, supervisors, and teachers in public elementary and secondary schools, and of pupil personnel workers. Certificates are of three types—initial, standard, and professional, endorsed for the teaching or service area.

Credentials To Accompany Application. Applicants who were prepared at the University of Wyoming are certificated on the basis of a statement of satisfactory completion of a program bearing on the certificate requested. Programs of other applicants are evaluated individually. Application may be initiated directly through the State Department of Education or the local superintendent. An official transcript is required.

CERTIFICATES AND REQUIREMENTS

Basic Requirements

1. INITIAL CERTIFICATE. Valid for three years for all certificated personnel. Requirements: Bachelor's degree, including 20 (secondary) or 23 (elementary) hours in educational foundations, curriculum development, and student teaching; 40 hours of appropriate distribution in general education; specialized preparation for area of endorsement.

2. STANDARD CERTIFICATE. Valid for five years. Requirements: Same as for certificate 1, plus 5 hours of renewal credit; three years of experience under certificate 1 or five years out of state. Renewable on 5 hours of credit.

3. PROFESSIONAL CERTIFICATE. Valid for ten years, renewable on 10 hours or as otherwise provided by State Board regulations. Requirements: Master's degree; eight years of successful teaching experience.

Administrative Requirements

4. INITIAL CERTIFICATE. Requirements: Eligibility for certificate 1; principals—two years of classroom teaching experience on the appropriate level and master's degree in administration, or equivalent; superintendents—three years of experience and master's plus 15 hours.

5. STANDARD CERTIFICATE. Requirements: Eligibility for certificate 2; three years of administrative experience; principals—master's degree plus 15 hours; superintendents—master's degree plus 30 hours.

6. PROFESSIONAL CERTIFICATE. Requirements: Eligibility for certificate 3; eight years of administrative experience.

Special School Service Personnel

7. INITIAL, STANDARD, AND PROFESSIONAL CERTIFICATES for service personnel are valid as endorsed for librarian, special education, guidance counselor, psychological technician, psychologist, speech pathologist, or nurse. Requirements vary according to specialty.

Other Certificates Issued

8. SUBSTITUTE PERMIT. Valid for not more than 90 days of teaching per year; 60 hours required.

TEACHER EDUCATION INSTITUTIONS AND APPROVED PROGRAMS

In 1974 the states reported a total of 1,265 colleges and universities approved for teacher education (listed in the multipage table beginning on p. 137). This number is 19 more than were reported in 1970, reflecting continuation of a steady increase in teacher education institutions since 1961:

Year	*Total Institutions*
1961	1,150
1964	1,173
1967	1,200
1970	1,246
1974	1,265

The increase in the number of institutions since 1970 has been rather general across the country. One or more were added in 25 states and there was a decrease in 13 states. Public universities increased by 78 while public general colleges declined by 30. There was a decrease of 10 private universities while for private liberal arts colleges there was an increase of 12.

Another trend reflected in successive editions of this manual continues with this edition—the decline of single-purpose teacher education institutions. Currently only 10 (2 public and 8 private) teachers colleges or colleges of education remain, as contrasted to 16 (5 public and 11 private) in 1970.

The 11 junior colleges reported here represent a sharp decrease in the total since 1970, when there were 36. Most of the decline is attributable to Wisconsin's dropping of 14 two-year county teachers colleges from its list of approved institutions, a move paralleling the new state minimum requirement of a bachelor's degree for initial certification. Also, junior colleges previously included for Colorado (1), Nebraska (6), South Dakota (2), and Puerto Rico (1) are not included in 1974; and Indiana reported 3, one less than in 1970.

All the approved institutions are classified according to type and control in table 1.

In the majority of states the state board of education has responsibility for approving colleges and universities for the preparation of teachers. These boards generally depend on the professional staffs of the state departments of education to recommend institutions that should be approved, usually on the advice of ad hoc or established committees of practicing professionals and other persons who have visited the institutions.

Although three states—Montana, Nevada, and the District of Columbia—indicated either no legal authority or no formal process for state approval of their teacher education institutions and programs, the fact that their graduates are eligible for certification indicates some kind of approval. In fact, Montana and Nevada both said they rely on regional and/or national standards for approving institutions.

The 1970 manual reported a growing reliance on state standards for approving institutions. For this edition, only five states reported *complete* reliance on state standards and thirty-three use theirs in combination with regional (regional accrediting association), NCATE (National Council for Accreditation of Teacher Education), NASDTEC (National Association of State Directors of Teacher Education and Certification), and/or specialty group recommended criteria (e.g., American Association for the Advancement of Science). The states not reporting use of state-adopted standards rely on the other types, either one exclusively or two or more in combination. (See table 2.)

The standards for approval of the teacher education institutions and programs listed in this chapter vary from state to state. The meaning of "approval" also varies:

1. It may mean blanket approval for teacher education, including all programs the institution

TABLE 1.—CLASSIFICATION OF APPROVED TEACHER EDUCATION INSTITUTIONS ACCORDING TO FUNCTION AND CONTROL

State	Teachers Colleges[a]		Universities		Public General Colleges	Private Liberal Arts Colleges	Junior Colleges[b]	Totals
	Public	Private	Public	Private				
1	2	3	4	5	6	7	8	9
Alabama			11	2	1	12		26
Alaska			2	1				3
Arizona			3			1		4
Arkansas			5	1	4	7	4	21
California			20	11	5	26		62
Colorado			5	1	5	4		15
Connecticut			1	7	4	5		17
Delaware			1		1			2
Dist. of Col.	1			5	1	1		8
Florida			9	5		8		22
Georgia			2	3	12	15		32
Hawaii			1		1	2		4
Idaho			2		1	2	3	8
Illinois		3[c]	11	9	1	39		63
Indiana			5	6		23	3	37
Iowa			3	4		20		27
Kansas			4	1	3	12[d]		20
Kentucky			7	1	1	13		22
Louisiana			10	4	1	5		20
Maine			5		1	9		15
Maryland			3	1	7	10		21
Massachusetts		2	2	7	10	32		53
Michigan			9	2	3	15		29
Minnesota			3	2	6	14		25
Mississippi			3		5	8		16
Missouri	1		9	2	2	23		37
Montana			2		3	3		8
Nebraska			2	2	4	7		15
Nevada			2					2
New Hampshire			1		2	11		14
New Jersey			1	3	8	10		22
New Mexico			5	1		2	1	9
New York		2	5	16	18	58		99
North Carolina			15	4		24		43
North Dakota			2		4	2		8
Ohio			11	11		31		53
Oklahoma			4	4	8	3		19
Oregon			3	3	3	6		15
Pennsylvania		1	4	10	13	55		83
Puerto Rico[e]			1	4		2		7
Rhode Island			1	1	1	7		10
South Carolina			2	3	6	14		25
South Dakota			3	1	3	5		12
Tennessee			10	4		21		35
Texas			23	12	1	22		58
Utah			2	1	2	1		6
Vermont			1	1	3	9		14
Virginia			4	2	10	17		33
Washington			2	4	3	6		15
West Virginia			2		9	7		18
Wisconsin			13			19		32
Wyoming			1					1
Totals	2	8	258	162	176	648	11	1,265

decides to offer for whatever teaching levels or areas. Generally, these programs conform to the preparation required for positions for which certificates are offered by the state.

2. It may mean approval of each specific program offered by a given institution, which occurs particularly in states that have adopted the approved-program approach to certification. An approved program also signifies that the institution has state approval to operate.

3. In some instances institutions approved for teacher education may offer programs for which the state does not offer certification. This applies to institutions that seek to prepare teachers for positions that exist or can be credentialed in other states.

The approved-program procedure obtains to some extent in 48 states, so the variation in 2 and 3 above exists in the minority of cases.

The listing of approved institutions and programs which follows shows also the various degree levels offered (see p. 136 for key to symbols used). A particular state list may not necessarily include all programs offered by an institution but only the programs for which certificates are issued by the state.

Up to three types of approval or accreditation are indicated for each institution listed: *state*, indicating approval of the programs and/or institution by the state department of education; *regional*, indicating accreditation of the institution by the appropriate regional association (there are six—New England, Middle Atlantic, Southern, North Central, Northwest, and Western); and/or *national*, indicating accreditation of teacher education programs by the National Council for Accreditation of Teacher Education. Over 96 percent of the institutions—1,215 of the total 1,265—are accredited by the regional associations. And although only 522, or 41 percent, of the total institutions have programs accredited by the NCATE, they graduate more than 80 percent of all new teachers each year. (See table 3 for a state-by-state classification of institutions according to type of approval/accreditation.)

National accreditation, where included, may or may not apply to all the teacher education programs listed for the particular institution. Courses and programs offered at branch campuses of large university systems, and graduates of these programs, are considered by the NCATE to be a part of the university system until a branch campus obtains full autonomy as a separate degree-granting unit. Also, the NCATE annual list, after which this table is patterned, may show degree levels not included here for a nationally accredited institution; this may be, among other reasons, because the state listed only programs for which it issues certificates. Check the latest annual list issued by NCATE (1750 Pennsylvania Avenue, N.W., Washington, D.C. 20006) for particulars.

For a state-by-state classification of institutions according to highest education degree offered, see table 4.

TABLE 1 FOOTNOTES

[a] Separate, single-purpose institutions for teacher preparation. Institutions included in this category in previous editions because of name (teachers college or college of education) may or may not be included here in this edition since some also offer liberal arts and general studies and are now so classified.

[b] Institutions offering at least two but less than four years of college preparation.

[c] Includes two campuses of the National College of Education listed separately.

[d] The state chose to classify three private institutions named "university" as liberal arts colleges.

[e] The institutional list for Puerto Rico is from *Education Directory, 1972-73*—"Higher Education"—published by the U.S. Office of Education. Although not included elsewhere in this manual, information for Puerto Rico is included in this chapter because of national accreditation of teacher education programs at one of its institutions.

TABLE 2.—STANDARDS USED BY STATES FOR APPROVAL OF TEACHER EDUCATION

State	State Standards	Regional Accrediting Association Standards	NCATE Standards	NASDTEC Standards	Specialty Group Recommendations
1	2	3	4	5	6
Alabama[a]	X	X	X	X	X
Alaska				X	
Arizona		X	X		
Arkansas[b]		X	X	X	
California*	X	X	X		
Colorado[c]			X	X	
Connecticut	X	X			
Delaware				X	
District of Col.					
Florida[d]	X	X	X	X	X
Georgia[e]	X	X	X	X	
Hawaii	X	X		X	
Idaho	X	X	X		
Illinois	X				
Indiana[f]	X	X	X		
Iowa[g]	X		X		X
Kansas[h]	X			X	
Kentucky[i]	X		X	X	X
Louisiana[j]	X			X	
Maine[k]	X	X	X		
Maryland[l]	X			X	
Massachusetts[m]			X	X	
Michigan	X	X	X		
Minnesota[n]	X	X	X	X	
Mississippi	X	X	X	X	
Missouri	X	X	X		
Montana		X	X		
Nebraska[o]	X	X	X	X	
Nevada		X			
New Hampshire				X	
New Jersey[p]	X			X	
New Mexico[q]	X			X	
New York[r]	X				X
North Carolina[s]	X	X	X	X	
North Dakota	X	X	X		
Ohio	X				
Oklahoma[t]	X			X	
Oregon	X		X		
Pennsylvania[u]	X			X	X
Rhode Island				X	
South Carolina	X				
South Dakota[v]	X		X	X	
Tennessee	X				
Texas	X	X			
Utah[w]	X	X	X	X	
Vermont	X			X	
Virginia	X	X	X	X	
Washington[x]	X	X	X		
West Virginia	X				
Wisconsin[y]	X			X	
Wyoming		X	X		

TABLE 3.—NUMBER OF APPROVED TEACHER EDUCATION INSTITUTIONS AND TYPES OF APPROVAL/ACCREDITATION

State	Number of Institutions Approved by State	Types of Accreditation	
		Regional Association	National (NCATE)[a]
1	2	3	4
Alabama	26	25	10
Alaska	3	3	0
Arizona	4	4	3
Arkansas	21	20	14
California	62	62	16
Colorado	15	15	8[b]
Connecticut	17	17	6
Delaware	2	2	0
Dist. of Col.	8[c]	7	3
Florida	22	20	6
Georgia	32	32	15
Hawaii	4	3	0
Idaho	8	8	3
Illinois	63	54	26
Indiana	37	32	20
Iowa	27	27	18
Kansas	20	19	14
Kentucky	22	22	8
Louisiana	20	18	8
Maine	15	14	3
Maryland	21	21	6
Massachusetts	53[d]	50	18
Michigan	29	29	16
Minnesota	25	25	22
Mississippi	16	15	7
Missouri	37	36	17
Montana	8[e]	8	4
Nebraska	15	15	13
Nevada	2[e]	2	1
New Hampshire	14	11	3
New Jersey	22[e]	19	7
New Mexico	9	8	4
New York	99	99	23
North Carolina	43	43	16
North Dakota	8	8	6
Ohio	53	51	20
Oklahoma	19	19	15
Oregon	15	15	9
Pennsylvania	83	83	27
Puerto Rico[f]	7[e]	5	1
Rhode Island	10	9	2
South Carolina	25	21	2
South Dakota	12	12	8
Tennessee	35	34	13
Texas	58	56	24
Utah	6	6	5
Vermont	14	13	1
Virginia	33	33	8
Washington	15	15	11
West Virginia	18	18	10
Wisconsin	32	31	21
Wyoming	1	1	1
Totals	1,265	1,215	522

TABLE 4.—CLASSIFICATION OF APPROVED TEACHER EDUCATION INSTITUTIONS ACCORDING TO HIGHEST EDUCATION DEGREE OFFERED

State	Junior College	Bachelor's Degree	B5	Master's Degree[a]	M6 Ed.Sp.	Doctor's Degree	Total Institutions
1	2	3	4	5	6	7	8
Alabama		11		12	1	2	26
Alaska				1	2		3
Arizona		1				3	4
Arkansas	4	11		4	1	1	21
California		2		32	28		62
Colorado		6		4		5	15
Connecticut		9		3	5		17
Delaware		1			1		2
Dist. of Col.[b]		2		3		3	8
Florida		7		10	2	3	22
Georgia		20		5	6	1	32
Hawaii		2	1	1			4
Idaho	3	1		4			8
Illinois		38		16	2	7	63
Indiana	3	24		4	2	4	37
Iowa		19		4	1	3	27
Kansas		13		1	4	2	20
Kentucky		13		1	8[c]		22
Louisiana		6		7	3	4	20
Maine		13		1	1		15
Maryland		9		12			21
Massachusetts		23		21	1	8	53
Michigan		16		4	3	6	29
Minnesota		16		3	5	1	25
Mississippi		9		1	3	3	16
Missouri		24		8	1	4	37
Montana		3		3		2	8
Nebraska		8		5	1	1	15
Nevada					2		2
New Hampshire		8		5		1	14
New Jersey		10		11		1	22
New Mexico	1	2		3	1	2	9
New York		42		30	15	12	99
North Carolina		32		3	4	4	43
North Dakota		5		2		1	8
Ohio		35		8	10		53
Oklahoma		8		7	2	2	19
Oregon		3		10		2	15
Pennsylvania		53		21		9	83
Puerto Rico							7
Rhode Island		5		3	1	1	10
South Carolina		18		4	2	1	25
South Dakota		7		4		1	12
Tennessee		25		5	1	4	35
Texas		24		23		11	58
Utah		3				3	6
Vermont		9		5			14
Virginia		20		9[illegible]	1	3	33
Washington			3	10		2	15
West Virginia		15		1	1	1	18
Wisconsin				29	3		32
Wyoming						1	1
Totals	11	631	4	363	124	125	1,265[d]

TABLE 2 FOOTNOTES

[a] State standards, used to evaluate every five years, are based on the others.

[b] NASDTEC standards are used almost verbatim, but all approved state institutions are asked to meet regional and NCATE standards within three years of state approval.

* Regional accreditation is required before state approval; joint visits with regional teams are made whenever possible. NCATE accreditation is acceptable in lieu of state approval, as appropriate (e.g., for teaching, but not for school psychologist).

[c] These and others are basic and supplemented by individual and group expertise.

[d] NCATE accreditation and state approval visits may be combined.

[e] State standards are applied every five years; NCATE and state visits may be combined. Southern Association accreditation is for ten years but a five-year interim report is required.

[f] Percentages of use are about 10% state, 15% regional, 75% NCATE.

[g] State standards currently are a combination of NCATE and several specific standards.

[h] NASDTEC standards were adopted with modifications.

[i] NCATE and NASDTEC standards are basic. Institutions take national group recommendations into consideration in developing programs.

[j] NASDTEC standards are considered in state standards.

[k] State standards are based somewhat on NASDTEC, but not officially.

[l] State standards are being developed in harmony with NASDTEC standards and in cooperation with Interstate Certification Project reciprocity plans.

[m] Regional accreditation is a precondition for state approval. The certification code authorizes certification of graduates of in-state NCATE accredited programs. State standards are based on NCATE standards.

[n] State and regional approval are mandatory. NCATE accredits programs in most of the teacher education institutions. NASDTEC standards are optional and are used for institutions that wish to be listed by NASDTEC.

[o] State standards meet or exceed NASDTEC standards.

[p] NASDTEC standards are a guide and are supplemented to meet N.J. requirements.

[q] Institution has the option.

[r] State standards apply to all programs, specialty group standards to specific programs.

[s] State standards supplement NCATE standards for the appropriate institutions.

[t] NASDTEC and state standards follow closely those of NCATE. However, state standards are more comprehensive for individual programs.

[u] NASDTEC standards are consonant with state standards.

[v] State standards are based on both NCATE and NASDTEC standards.

[w] The NASDTEC approach is basic, with local modifications.

[x] Regional accreditation is a precondition for state approval.

[y] Limited state standards; NASDTEC standards are basic.

TABLE 3 FOOTNOTES

[a] National Council for Accreditation of Teacher Education

[b] Colorado listed separately three branches of the University of Colorado and indicated national accreditation for each. The NCATE, however, lists only the University of Colorado at Boulder; its records include Colorado Springs and Denver branch campuses as blanketed under the UC system, whose central office and main campus are at Boulder.

[c] Either no legal authority or no formal process for approval.

[d] Massachusetts has been authorized, by special action of the legislature, to approve preparation programs but at the time of this report funds had not been appropriated to do so. Consequently, there are no state approved teacher education programs as described on page 131. However, the institutions listed are appropriately chartered and approved for granting degrees and their courses and credits are acceptable for Massachusetts certification via the transcript evaluation route.

[e] Two state colleges in their third year of operation are not yet fully approved.

[f] The institutional list for Puerto Rico is from *Education Directory, 1972-73*—"Higher Education"—published by the U.S. Office of Education. Although not included elsewhere in this manual, information for Puerto Rico is included in this chapter because of national accreditation of teacher education programs at one of its institutions.

TABLE 4 FOOTNOTES

[a] Includes master of arts in teaching.

[b] D.C. did not report degree offerings for separate programs. Highest degree figures are from 1970.

[c] Includes two institutions that offer an M + 15 program.

[d] Totals of columns 2-7 do not add up to 1,265; classification of institutions in Puerto Rico is not included.

DEGREE LEVEL SYMBOLS

A	Associate in arts degree.
B	Indicates a four-year baccalaureate degree preservice program that qualifies the student for initial certification.
5	Indicates a preservice program that requires additional credits beyond the baccalaureate degree in order to qualify for initial certification.
M	Indicates a planned, at least 30-hour program of preparation for a school position, resulting in a master's degree. Except in the case of additional preparation for teaching, in most instances the program constitutes the first professional increment of training to qualify for certification in a specialized school position.
(M)	Indicates a planned, at least 30-hour program of preparation, roughly parallel and equivalent to a master's degree, that does not result in the awarding of a master's degree but prepares for the position indicated and qualifies the student for certification.
(MAT)	Indicates a planned, at least 30-hour program, resulting in a master of arts in teaching degree, designed for baccalaureate degree graduates from the liberal arts to qualify for initial certification. The program consists largely of professional work, including internship and perhaps some broadening in general education and teaching field areas.
(MST)	Master of science in teaching degree.
S	Indicates a planned and integrated program of preparation beyond five years or the master's degree that prepares for a school position, that qualifies the student for certification, and that ends with formal collegiate recognition through the awarding of the specialist's degree or an appropriate diploma.
(S)	Indicates a planned and integrated program, roughly parallel and equivalent to a specialist's degree program, that prepares and qualifies the student but does not result in any formal degree or diploma recognition.
D	Indicates doctoral preparation for a school position, either in the form of the Ph.D. or the Ed.D.

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
ALABAMA													
Alabama Agricultural and Mechanical College, Normal 35762	X	X			BM	BM	M	M	M	M	M		
Alabama State University, Montgomery 36104	X	X			BM	BM	M	M	M	M	M		
Athens College, Athens 35611	X	X			B	B	B	B	B	B	B		
Auburn University, Auburn 36830	X	X	X		BMSD	BMSD	MSD	MSD	SD	MSD	MSD		
Birmingham-Southern College, Birmingham 35204	X	X	X		B(MAT)	B(MAT)	B	B	B	B	B		
Daniel Payne College, Birmingham 35212	X				B								
Florence State University, Florence 35630	X	X	X		BM	BM	M(S)	M(S)	M(S)	M(S)	M(S)		
Huntingdon College, Montgomery 36106	X	X			B	B							
Jacksonville State University, Jacksonville 36265	X	X	X		BM	BM	BM	BM	BM	BM	BM		
Judson College, Marion 36756	X	X			B	B							
Livingston University, Livingston 35470	X	X	X		BM	BM	BM	BM	BM	BM	BM		
Miles College, Birmingham 35208	X	X			B	B							
Mobile College, Mobile 36613	X	X			B	B							
Oakwood College,Huntsville 35806	X	X			B	B							
St. Bernard College, St. Bernard 35138	X	X			B	B							
Samford University, Birmingham 35209	X	X	X		BM	BM	BM	BM	BM	BM	BM		
Spring Hill College,Mobile 36608	X	X			B	B							
Stillman College, Tuscaloosa 35401	X	X			B	B							
Talladega College, Talladega 35160	X	X			B	B							
Troy State University, Troy 3608	X	X	X		BM	BM	BM	BM	BM	BM	BM		
Tuskegee Institute, Tuskegee Institute 36088	X	X			BM	BM	BM	BM	BM	BM	BM		
University of Alabama, University 35486	X	X	X		BMD	BMD	D	D	D	D	MD		
University of Alabama-Birmingham, Birmingham 35807	X	X			BM	BM	BM	BM	BM	BM	BM		
University of Alabama-Huntsville, Huntsville 35807	X	X			BM	BM	BM	BM	BM	BM	BM		
University of Montevallo, Montevallo 35115	X	X	X		BM (MAT)	BM	BM	BM	BM	BM	BM		
University of South Alabama, Mobile 36608	X	X	X		BM	BM	BM	BM	BM	BM	BM		
ALASKA													
Alaska Methodist University, Anchorage 99504	X	X		B	BM	BM					M		
University of Alaska-Anchorage, Anchorage 99504	X	X		B	BM	BM	M	M	S		M		
University of Alaska-Fairbanks, Fairbanks 99701	X	X		B	BM	BM	M	M	S		M		

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
ARIZONA													
Arizona State University, Tempe 85281	X	X	X	BMSD	BMSD	BMSD	BSD	BSD	BSD	BSD	BM	BMD	
Grand Canyon College, Phoenix 85017	X	X		B	B	B							
Northern Arizona University, Flagstaff 86001	X	X	X	BM	BM	BM	BMSD	BMSD	BMSD	BMSD	BMSD	BMSD	
University of Arizona, Tucson 85721	X	X	X	BMSD	BMSD	BMSD	BMSD	BMSD	BMSD	BMSD	BMD	BMD	
ARKANSAS													
Arkansas Baptist College,[2] Little Rock 72200	X				B	B							
Arkansas College, Batesville 72501	X	X	X		B	B							
Arkansas Polytechnic College, Russellville 72801	X	X	X	B	B	B							
Arkansas State University, State University 72467	X	X	X	B	B(M)	BMS	BMS	BMS	BMS	BMS	BMS	B	B[1]
College of the Ozarks, Clarksville 72830	X	X			B	B							
Harding College, Searcy 72143	X	X	X	B	B(M)	BM				BM			
Henderson State College, Arkadelphia 71923	X	X	X	B	B(M)	BM				BM			B[1]
Hendrix College, Conway 72032	X	X	X		B	B							
John Brown University, Siloam Springs 72761	X	X	X		B	B							
Oachita Baptist University, Arkadelphia 71923	X	X	X		B(M)	BM				BM			B[1]
Philander Smith College, Little Rock 72203	X	X			B	B							B[1]
Phillips County Community College,[2] Helena 72342	X	X											
Shorter College,[2] North Little Rock 72114	X	X											
Southern Baptist College,[2] Walnut Ridge 72476	X	X											
Southern State College, Magnolia 71753	X	X	X	B	B	B							B[1]
State College of Arkansas, Conway 72032	X	X	X	B	B(M)	BM				BM			B[1]
University of Arkansas, Fayetteville 72701	X	X	X	B	BMD	BMD	BMD	BMD	BMD	BMD	BMD	B	B[1]
University of Arkansas at Little Rock, Little Rock 72204	X	X	X	B	B	B							B[1]
University of Arkansas at Monticello, Monticello 71655	X	X	X	B	B	B							
University of Arkansas at Pine Bluff, Pine Bluff 71601	X	X	X	B	B	B							
West Arkansas Junior College,[2] Fort Smith 72901	X	X											

(Footnotes appear in sequence beginning on p. 181.)

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						SPECIAL FIELDS
	STATE	REGIONAL	NATIONAL	PRESCHOOL/KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	
CALIFORNIA													
Azusa Pacific College, Azusa 91702	X	X			B(M)	B(M)							
Biola College, La Mirada 90638	X	X			B(M)	B(M)							
California Baptist College, Riverside 92504	X	X			B(M)	B(M)							
California College of Arts and Crafts, Oakland 94618	X	X			B(M)	B(M)							
California Lutheran College, Thousand Oaks 91360	X	X		B(M)	B(M)	B(M)							
California State Colleges													
CSC at Bakersfield, Bakersfield 93309	X	X			B(M)	B(M)							
CSC at Dominguez Hills, Dominguez Hills 90246	X	X		B(M)	B(M)	(BM)							
CSC at San Bernardino, San Bernardino 92407	X	X		B(M)	B(M)	B(M)							
Sonoma SC, Rohnert Park 94928	X	X		B(M)	B(M)	B(M)							M
Stanislaus SC, Turlock 95380	X	X			B(M)	B(M)	S	S		S			(M)
California State Polytechnic University													
CSPU-Pomona, Pomona 91768	X	X			B(M)	B(M)							
CSPU-San Luis Obispo, San Luis Obispo 93401	X	X			B(M)	B(M)	S	S		S	(M)S		
California State University													
CSU at Chico, Chico 95926	X	X	X	B(M)	B(M)	B(M)	S	S		S	(M)S	(S)	(M)
CSU at Fresno, Fresno 93710	X	X	X	B(M)	B(M)	B(M)	S	S		S	(M)S	(S)	(M)
CSU at Fullerton, Fullerton 92631	X	X	X		B(M)	B(M)	S	S		S	(M)S	(S)	(M)
CSU at Hayward, Hayward 94542	X	X			B(M)	B(M)	S	S		S	(M)S	(S)	
CSU at Humboldt, Humboldt 95521	X	X			B(M)	B(M)	S	S		S	(M)S	(S)	(M)
CSU at Long Beach, Long Beach 90801	X	X	X	B(M)	B(M)	B(M)	S	S		S	(M)S	(S)	(M)
CSU at Los Angeles, Los Angeles 90032	X	X	X	B(M)	B(M)	B(M)	S	S	(S)	S	(M)S	(S)	M
CSU at Northridge, Northridge 91324	X	X			B(M)	B(M)	S	S	(S)	S	(M)S	(S)	M
CSU at Sacramento, Sacramento 95819	X	X	X	B(M)	B(M)	B(M)	S	S		S	(M)S	(S)	(M)
CSU at San Diego, San Diego 92115	X	X	X		B(M)	B(M)	S	S		S	(M)S	(S)	(M)
CSU at San Francisco, San Francisco 94132	X	X	X	B(M)	B(M)	B(M)	S	S	(S)	S	(M)S	(S)	(M)
CSU at San Jose, San Jose 95114	X	X	X		B(M)	B(M)	S	S	(S)	S	(M)S	(S)	M
Chapman College, Orange 92666	X	X			B(M)	B(M)					(M)S		
Claremont Graduate School, Claremont 91711	X	X	X		B(M)	B(M)	S	S	S	S	(M)S	(S)	
College of Notre Dame, Belmont 94002	X	X	X	B(M)	B(M)	B(M)							
Dominican College of San Rafael, San Rafael 94901	X	X			B(M)	B(M)							(M)
Holy Names College, Oakland 94619	X	X			B(M)	B(M)							
Immaculate Heart College, Los Angeles 90027	X	X			B	B							
La Verne College, La Verne 91750	X	X			B(M)	B(M)							
Loma Linda University-La Sierra Campus, Riverside 92505	X	X			B(M)	B(M)	(M)	(M)		(M)	(M)S		(M)

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
CALIFORNIA (continued)													
Lone Mountain College, San Francisco 94118	X	X			B(M)	B(M)							
Loyola University of Los Angeles, Los Angeles 90045	X	X				B(M)	(M)	(M)		(M)	(M)S	(S)	
Marymount College, Los Angeles 90045	X	X			B(M)								
Mills College, Oakland 94613	X	X		B(M)	B(M)	B(M)							
Monterey Institute of Foreign Studies, Monterey 93940	X	X			B(M)	B(M)							
Mount St. Mary's College, Los Angeles 90049	X	X		B(M)	B(M)	B(M)	(M)	(M)		(M)			(M)
Occidental College, Los Angeles 90041	X	X			B(M)	B(M)							
Pacific Oaks College, Pasadena 91105	X	X		B(M)	B(M)								
Pacific Union College, Angwin 94508	X	X			B(M)	B(M)							
Pasadena College, Pasadena 91104	X	X		B(M)	B(M)	B(M)					(M)		
Pepperdine University, Los Angeles 90044	X	X		B(M)	B(M)	B(M)	(M)	(M)		(M)	(M)	(S)	(M)
St. Mary's College, Moraga 94575	X	X			B(M)	B(M)							
Southern California College, Costa Mesa 92626	X	X			B	B							
Stanford University, Stanford, Palo Alto 94305	X	X	X		B(M)	B(M)	S	S	(S)	S	(M)S	(S)	M
United States International University, San Diego 92101	X	X			B(M)	B(M)							
University of California													
UC-Berkeley, Berkeley 94720	X	X	X		B(M)	B(M)	S	S	(S)	S	(M)S	(S)	(M)
UC-Davis, Davis 95616	X	X			B(M)	B(M)							
UC-Irvine, Irvine 92664	X	X		B(M)	B(M)	B(M)							
UC-Los Angeles, Los Angeles 90024	X	X	X		B(M)	B(M)	S	S	(S)	S	(M)S	(S)	(M)
UC-Riverside, Riverside 92502	X	X			B(M)	B(M)	S	S	(S)	S			(M)
UC-Santa Barbara, Santa Barbara 93106	X	X			B(M)	B(M)	S	S		S	(M)S	(S)	(M)
University of the Pacific, Stockton 95204	X	X	X		B(M)	B(M)	S	S		S	(M)S	(S)	(M)
University of Redlands, Redlands 92373	X	X		B(M)	B(M)	B(M)	S	S		S	(M)		M
University of San Diego, Alcala Park, San Diego 92110	X	X			B(M)	B(M)					(M)		M
University of San Francisco, San Francisco 94117	X	X			B(M)	B(M)	S	S		S	(M)		
University of Santa Clara, Santa Clara 95053	X	X			B(M)	B(M)					(M)		
University of Southern California, Los Angeles 90007	X	X	X	B(M)	B(M)	B(M)	S	S	(S)	S	(M)S	(S)	(M)
Westmont College, Santa Barbara 93103	X	X			B(M)	B(M)							
Whittier College, Whittier 90608	X	X		B(M)	B(M)	B(M)	(M)	(M)		(M)	(M)		(M)
Woodbury College, Los Angeles 90017	X	X				B(M)							

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
COLORADO													
Adams State College, Alamosa 81101	X	X	X		B(M)	BM					M		B^4M^5
Colorado College, Colorado Springs 80903	X	X			B(MAT)	BM							
Colorado State University, Fort Collins 80521	X	X	X			BM	M	M			M(S)D	(S)D	M^5
Colorado Women's College, Denver 80220	X	X			B	B							
Fort Lewis College, Durango 81301	X	X			B	B							
Loretto Heights College, Denver 80236	X	X	X		B	B							B^4
Metropolitan State College, Denver 80204	X	X	X	B	B	B							
Regis College, Denver 80221	X	X			B	B							B^4
Southern Colorado State College, Pueblo 81005	X	X		B	B	B(MAT)							
University of Colorado, Boulder 80302	X	X	X^{5a}	B	BM	BM	MSD	MSD	SD	SD	MSD	SD	$B^4M^{5,6}$
University of Colorado, Colorado Springs 80903	X	X	$-^{5a}$		B	B							
University of Colorado, Denver 80202	X	X	$-^{5a}$		BM	BM							
University of Denver, Denver 80210	X	X	X		B(M)	BM	M(S)	M(S)	(S)D		M(S)D		$B^4M^{5,6}$
University of Northern Colorado, Greeley 80631	X	X	X	BM	B(M)	BM	MSD	MSD	SD	SD	MSD	SD	$B^4M^{5,6}$
Western State College of Colorado, Gunnison 81230	X	X	X		B(M)	BM	M(S)	M(S)	(S)D		M(S)		$B^{4,6}$
CONNECTICUT													
Albertus Magnus College, New Haven 06511	X	X				B							
Annhurst College, South Woodstock 06281	X	X		B	B	B							B^7
Central Connecticut State College, New Britain 06050	X	X	X	B	B	B					BM		B^8M^9
Connecticut College, New London 06320	X	X		B	B	B							
Eastern Connecticut State College, Willimantic 06226	X	X		B	B	B							M^9
Fairfield University, Fairfield 06430	X	X				B	BM(S)	BM(S)	BM(S)	BM(S)	BM	BM	B^1
Sacred Heart University, Bridgeport 06604	X	X		B	B	B							
St. Joseph College, West Hartford 06117	X	X		B	B	B							B^{10}
Southern Connecticut State College, New Haven 06515	X	X	X	B	B	B	BM(S)	BM(S)		BM(S)	BM	BM	$B^{11}M^9$
Trinity College, Hartford 06106	X	X				B							
University of Bridgeport, Bridgeport 06602	X	X	X	B	B	B	BM(S)	BM(S)	BM(S)	BM(S)	BM	BM	$B^{12}M^9$
University of Connecticut, Storrs 06268	X	X	X	B	B	B	BM(S)	BM(S)	BM(S)	BM(S)	BM	BM	$B^{13}M^9$
University of Hartford, Hartford 06117	X	X	X	B	B	B	BM(S)	BM(S)		BM(S)	BM	BM	$B^{14}M^9$

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
CONNECTICUT (continued)													
University of New Haven, New Haven 06505	X	X				B							
Wesleyan University, Middletown 06457	X	X				B							B[15]
Western Connecticut State College, Danbury 06810	X	X	X	B	B	B							B[16a]M[9]
Yale University, New Haven 06520	X	X				B							B[16a]
DELAWARE													
Delaware State College, Dover 19901	X	X		B	B	B							
University of Delaware, Newark 19711	X	X		B	BM	BM	M	M	(S)	M(S)	M		BM[17]
DISTRICT OF COLUMBIA[illegible]	19												
American University, Washington 20016		X	X		B	B	X	X	X	X	X	X	
Catholic University of America, Washington 20017		X			X	X	X	X	X	X	X	X	
District of Columbia Teachers College, Washington 20009		X			X	X	X	X	X	X	X		
Federal City College, Washington 20001													
Gallaudet College, Washington 20002		X	X		M	M							
George Washington University, Washington 20006		X	X		BM	BM	M	M	X	M	M		
Georgetown University, Washington 20007		X											
Howard University, Washington 20001		X			X	X	X	X	X	X	X		
FLORIDA													
Barry College, Miami 33161	X	X			BM	BM	M	M	M	M	M		
Bethune-Cookman College, Daytona Beach 32015	X	X			B	B							
Biscayne College, Miami 33054	X	X				B							
Eckerd College, St. Petersburg 33733	X	X				B							
Florida A & M University, Tallahassee 32307	X	X	X		BM	BM	M	M	M	M	M		
Florida Atlantic University Boca Raton 33432	X	X	X	BM	BM	BM	M	M	M	M	M		
Florida Institute of Technology Melbourne 32901	X	X				BM							
Florida International University,[20] Miami 33144	X												
Florida Memorial College, Miami 33054	X	X			B	B							

(Footnotes appear in sequence beginning on p. 181.)

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
FLORIDA (continued)													
Florida Southern College, Lakeland 33802	X	X			B	B							
Florida State University, Tallahassee 32306	X	X	X		BMSD	BMSD	MSD	MSD	MSD	MSD	MSD	MSD	
Florida Technological University, Orlando 32816	X	X				BM							
Jacksonville University, Jacksonville 32211	X	X			BM	BM	M	M					
Rollins College, Winter Park 32789	X	X			BM	BM	MS	MS	MS	MS			
St. Leo College, St. Leo 33574	X	X			B	B							
Stetson University, DeLand 32720	X	X	X		B	B	M	M	M	M	M		
University of Florida, Gainesville 32601	X	X	X	BMSD	BMSD	BMSD	MSD	MSD	MSD	MSD	MSD	MSD	
University of Miami, Coral Gables, Miami 33124	X	X	X		BMD	BMD	MD	MD	MD	MD	MD	MD	
University of North Florida,[20] Jacksonville 32216	X												
University of South Florida, Tampa 33620	X	X			BM	BM	M	M	M	M	M		
University of Tampa, Tampa 33606	X	X			B	B							
University of West Florida, Pensacola 32504	X	X			BM	BM	M	M			M		
GEORGIA													
Agnes Scott College, Decatur 30030	X	X			B	B							
Albany State College, Albany 31705	X	X		B	B	B							
Armstrong State College, Savannah 31406	X	X	X		BM	BM							
Atlanta University, Atlanta 30314	X	X		M	MS	MS	MS	MS	MS	MS	MS		
Augusta College, Augusta 30904	X	X	X		B	B							
Berry College, Mt. Berry 30149	X	X		B	B	B							
Brenau College, Gainesville 30501	X	X		B	B	B							
Clark College, Atlanta 30314	X	X		B	B	B							
Columbus College, Columbus 31907	X	X	X	B	B	B							
Covenant College, Lookout Mountain, Tennessee 37350	X	X			B	B							
Emory University, Atlanta 30322	X	X	X	B	BM	BM							
Fort Valley State College, Fort Valley 31030	X	X	X	B	BM	B					M		
Georgia College at Milledgeville, Milledgeville 31061	X	X	X	B	BMS	BM							
Georgia Southern College, Statesboro 30458	X	X	X	BMS	BMS	BMS	MS	MS	MS	MS	MS	M	
Georgia Southwestern College, Americus 31709	X	X	X	B	B	B							
Georgia State University, Atlanta 30303	X	X	X	BMS	BMS	BMS	MS	MS	MS	MS	MS	MS	
LaGrange College, LaGrange 30240	X	X		B	B	B							
Mercer University, Macon 31207	X	X	X		BM	BM							
Morehouse College, Atlanta 30314	X	X		B	B	B							

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS: STATE	REGIONAL	NATIONAL	TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED: TEACHERS: PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	SCHOOL SERVICE PERSONNEL: ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
GEORGIA (continued)													
Morris Brown College, Atlanta 30314	X	X		B	B	B							
North Georgia College, Dahlonega 30533	X	X		B	B	B							
Oglethorpe College, Atlanta 30319	X	X			B	B							
Paine College, Augusta 30901	X	X			B	B							
Piedmont College, Demorest 30535	X	X			B	B							
Savannah State College, Savannah 31404	X	X	X	B	BM	BM							
Shorter College, Rome 30161	X	X			B	B							
Spelman College, Atlanta 30314	X	X		B	B	B							
Tift College, Forsyth 31029	X	X			B	B							
University of Georgia, Athens 30601	X	X	X	BMSD	BMSD	BMSD	MSD	MSD	MSD	MSD	MSD	MSD	
Valdosta State College, Valdosta 31601	X	X	X	B	BMS	BMS	MS	MS	MS	MS	MS		
Wesleyan College, Macon 31201	X	X	X	B	B	B							
West Georgia College, Carrollton 30117	X	X	X	BMS	BMS	BMS	M	M	M	M	MS		
HAWAII													
Chaminade College, Honolulu 96816	X	X			B	B							
Church College of Hawaii, Laie, Oahu 96762	X	X			B(M)	B(M)							
University of Hawaii, Honolulu 96822	X	X			BM(M)	BM(M)	M(M)	M(M)			M	M	
UH-Hilo, Hilo 96720	X				B	B							
IDAHO													
Boise State College, Boise 83707	X	X		B	BM	B							B[1]
College of Idaho, Caldwell 83605	X	X			BM	BM	M	M	M		M		
College of Southern Idaho,[2] Twin Falls 83301	X	X											
Idaho State University, Pocatello 83201	X	X	X		BM	BM	M	M	M		M	M	BM[1]
North Idaho College,[2] Coeur d'Alene 83814	X	X											
Northwest Nazarene College, Nampa 83651	X	X	X		B	B							B[1]
Ricks College,[2] Rexburg 83440	X	X											
University Of Idaho, Moscow 83843	X	X	X		BM	BM	M	M	MD		M	D	BM[1]
ILLINOIS													
American Conservatory of Music, Chicago 60605	X				BM	BM							BM[16b]
Augustana College, Rock Island 61201	X	X	X		B	B							B[21]
Aurora College, Aurora 60507	X	X			B	B							B[22]
Barat College, Lake Forest 60045	X	X			B	B							
Blackburn College, Carlinville 62626	X	X			B	B							B[23]

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
ILLINOIS (continued)													
Bradley University, Peoria 61606	X	X	X		B(MAT)	B(MAT)	M	M		M	M		X[24]
Chicago Conservatory College, Creative Arts Center, Chicago 60605	X				X	X							X[16b]
Chicago State University, Chicago 60621	X	X	X		B(MAT)	B(MAT)					M		X[25]
College of St. Francis, Joliet 60435	X	X			B	B							B[15]
Columbia College, Chicago 60611	X				B	B							B[26]
Concordia Teachers College, River Forest 60305	X	X	X		B(MAT)	B(MAT)							
DeLourdes College, Des Plaines 60016	X				B								
DePaul University, Chicago 60604	X	X	X		B(MAT)	B(MAT)	M	M		M	M		X[22]
Eastern Illinois University, Charleston 61920	X	X	X		BM	BM	M	M	M	M	M		X[27]
Elmhurst College, Elmhurst 60126	X	X	X		B	B							B[28]
Eureka College, Eureka 61530	X	X			B	B							
George Williams College, Downers Grove 60515	X	X			B	B							B[29]
Governors State University, Park Forest South 60466	X				B	B							
Greenville College, Greenville 62246	X	X	X		B	B							B[22]
Illinois Benedictine College, Lisle 60532	X	X			B	B							
Illinois College, Jacksonville 62650	X	X			B	B							
Illinois Institute of Technology, Chicago 60616	X	X				B							
Illinois State University, Normal 61761	X	X	X		B(MAT)	B(MAT)	M	M	D	M	M	M	X[30]
Illinois Wesleyan University, Bloomington 61701	X	X	X		B	BM							X[15]
Judson College, Elgin 60120	X				B	B							
Knox College, Galesburg 61401	X	X	X		B	B							B[15]
Lake Forest College, Lake Forest 60045	X	X			B	B							
Lewis College, Lockport 60441	X	X				B							
Loyola University, Chicago 60611	X	X	X		B(MAT)	B(MAT)	M	M	D	M	M	M	
McKendree College, Lebanon 62254	X	X			B	B							B[31]
MacMurray College, Jacksonville 62650	X	X			B	B							B[32]
Millikin University, Decatur 62522	X	X	X		B	B	M	M		M		M	X[31]
Monmouth College, Monmouth 61462	X	X			B	B							B[31]
Mundelein College, Chicago 60626	X	X	X		B	B							B[32]
National College of Education, Evanston 60201	X	X	X		B(MAT)								
NCE-Urban Campus, Chicago 60601	X	X			B								
North Central College, Naperville 60540	X	X			B	B							B[31]
North Park College, Chicago 60625	X	X			B	B							B[31]

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
ILLINOIS (continued)													
Northeastern Illinois University, Chicago 60625	X	X	X		B	B					M		
Northern Illinois University, DeKalb 60115	X	X	X		B	B	M	M	D	M	M	M	X[33]
Northwestern University, Evanston 60201	X	X	X		B(MAT)	B(MAT)	M	M	D	M	M	M	X[34]
Olivet Nazarene College, Kankakee 60901	X	X	X		B	B							B[16b]
Principia College, Elsah 62028	X	X			B	B							
Quincy College, Quincy 62301	X	X			B	B							B[22]
Rockford College, Rockford 61101	X	X			B(MAT)	B(MAT)							
Roosevelt University, Chicago 60605	X	X	X		B(MAT)	B(MAT)	M	M		M	M		X[15]
Rosary College, River Forest 60305	X	X			B	B							B[15]
St. Xavier College, Chicago 60655	X	X			B	B	M	M					X[5]
Sangamon State University, Springfield 62708	X				B	B	M	M		M			
School of Art, Chicago 60603	X	X			B	B							B[23]
Sherwood Music School, Chicago 60605	X	X			B	B							B[16b]
Shimer College, Mt. Carroll 61053	X				B	B							
Southern Illinois University													
SIU-Carbondale, Carbondale 62901	X	[illegible]	X	34a	B	B	M	M	D	M	M	M	X[35]
SIU-Edwardsville, Edwardsville 62025	X	X	X	34a									
Spertus College of Judaica, Chicago 60605	X	X				B							
Trinity College, Deerfield 60015	X	X			B	B							B[16b]
Trinity Christian College, Palos Heights 60463	X				B	B							
University of Chicago, Chicago 60637	X	X	X		B	B	M	M	D	M	M	M	X[36]
University of Illinois													
UI-Urbana Campus, Urbana 61801	X	X	X		B	B	M	M	D	M	M	M	X[37]
UI-Chicago Circle, Chicago 60680	X	X			B	B							B[38]
VanderCook College of Music, Chicago 60616	X				B	B							B[16b]
Western Illinois University, Macomb 61455	X	X	X		B	B	M	M	D	M	M	M	X[39]
Wheaton College, Wheaton 60187	X	X	X		B	B							B[16b]
INDIANA													
Ancilla Domini College,[2] Donaldson 46513	X				A[2]	A[2]							
Anderson College, Anderson 46011	X	X	X		B	B							
Ball State University, Muncie 47306	X	X	[illegible]	BM	BM	BM	MSD	MSD	SD	MSD	MSD		BM[40]

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
INDIANA (continued)													
Bethel College, Mishawaka 46544	X	X			B	B							
Butler University, Indianapolis 46208	X	X	X	BM	BM	BM	MS	MS	S	MS	MS		
DePauw University, Greencastle 46135	X	X	X		BM	BM							
Earlham College, Richmond 47374	X	X	X		B	B							
Fort Wayne Bible College, Fort Wayne 46807	X				B	B[16]							
Franklin College, Franklin 46131	X	X	X		B	B							
Goshen College, Goshen 46526	X	X	X		B	B							
Grace College, Winona Lake 46590	X				B	B							
Hanover College, Hanover 47243	X	X			B	B							
Holy Cross Junior College,[2] Notre Dame 46556	X				A[2]	A[2]							
Huntington College, Huntington 46750	X	X			B	B							
Indiana Central College, Indianapolis 46227	X	X	X	BM	BM	BM							
Indiana State University, Terre Haute 47809	X	X	X	BM	BM	BM	MSD	MSD	SD	MSD	MSD	MSD	BMS[40]
Indiana University, Bloomington 47401	X	X	X	BM	BM	BM	MSD	MSD	SD	MSD	MSD	MSD	
Manchester College, North Manchester 46962	X	X	X		B	B							
Marian College, Indianapolis 46222	X	X			B	B							
Marion College, Marion 46952	X	X			B	B							
Northwood Institute (Michigan)-Indiana Branch, West Baden 47469	X	[40a]											
Oakland City College, Oakland City 47660	X				B	B							
Purdue University, Lafayette 47907	X	X	X	BM	BM	BM	MSD	MSD	SD	MSD	MSD	MSD	BMS[40]
St. Francis College, Fort Wayne 46808	X	X	X		BM	BM					MS		M[1]
St. Joseph College, Rensselaer 47978	X	X	X		B	B							
St. Joseph Calumet College, East Chicago 46312	X	X			B	B							
St. Mary-of-the-Woods College, St. Mary-of-the-Woods 47876	X	X			B	B							
St. Mary's College, Notre Dame 46556	X	X	X		B	B							
St. Meinrad College, St. Meinrad 47577	X	X				B							
Taylor University, Upland 46989	X	X	X		B	B							
Tri-State College, Angola 46703	X	X			B	B							
University of Evansville, Evansville 47701	X	X	X		BM	BM					M		
University of Notre Dame, Notre Dame 46556	X	X	X		M	BM	M	M			M		
Valparaiso University, Valparaiso 46383	X	X	X		B	B							M[40b]

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
INDIANA (continued)													
Vincennes University,[2] Vincennes 47591	X				A[2]	A[2]							
Wabash College, Crawfordsville 47933	X	X			B	B							
IOWA													
Briar Cliff College, Sioux City 51104	X	X			B	B							
Buena Vista College, Storm Lake 50588	X	X	X		B	B							
Central University of Iowa, Pella 50219	X	X			B	B							
Clarke College, Dubuque 52001	X	X	X		BM	B	M						
Coe College, Cedar Rapids 52402	X	X			B	B							
Cornell College, Mt.Vernon 52314	X	X	X		B	B							
Dordt College,Sioux Center 51250	X	X			B	B							
Drake University, Des Moines 50311	X	X	X		B(MAT)	B(MAT)	M	M	SD		MSD	M	
Graceland College, Lamoni 50140	X	X			B	B							
Grinnell College, Grinnell 50112	X	X	X			B							
Iowa State University of Science and Technology, Ames 50010	X	X	X	B	B	B	M	M	(S)D		M(S)D	MD	
Iowa Wesleyan College, Mount Pleasant 52641	X	X	X		B	B							
Loras College, Dubuque 52001	X	X				B	M	M					
Luther College, Decorah 52101	X	X	X		B	B							
Marycrest College, Davenport 52804	X	X	X	B	BM	B							
Morningside College, Sioux City 51106	X	X	X		BM[41]	BM[41]							
Mt. Mercy College, Cedar Rapids 52402	X	X			B	B							
Northwestern College, Orange City 51041	X	X	X		B	B							
St. Ambrose College, Davenport 52803	X	X			B	B							
Simpson College, Indianola 50125	X	X	X		B	B							
University of Dubuque, Dubuque 52001	X	X	X		B	B							
University of Iowa, Iowa City 52240	X	X	X	B	B	B	MD	MD	SD		MSD	MSD	
University of Northern Iowa, Cedar Falls 50613	X	X	X	B	B	B	M	M	S		MS	MS	
Upper Iowa University, Fayette 52142	X	X	X		B	B							
Wartburg College, Waverly 50677	X	X	X		B	B							
Westmar College, LeMars 51031	X	X			B	B							
William Penn College, Oskaloosa 52577	X	X	X		B	B							

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
KANSAS													
Baker University, Baldwin City 66006	X	X	X		B	B							
Benedictine College, Atchison 66002	X	X	X		B	B							
Bethany College, Lindsborg 67456	X	X	X		B	B							
Bethel College, North Newton 67117	X	X			B	B							
College of Emporia, Emporia 66801	X	X											
Fort Hays Kansas State College, Hays 67601	X	X	X	B	BM	BM	BMS	BMS	BMS	BMS	BMS	BMS	BM[42]
Friends University, Wichita 67213	X	X	X		B	B							
Kansas State College of Pittsburg, Pittsburg 66762	X	X	X	B	BM	BM	BMS	BMS	BMS	BMS	BMS	BMS	BM[42]
Kansas State Teachers College, Emporia 66801	X	X	X	B	BM	BM	BMS	BMS	BMS	BMS	BMS	BMS	BM[42]
Kansas State University, Manhattan 66502	X	X	X	B	BM	BM	BMSD	BMSD	BMSD	BMS	BMS	BMS	BM[42]
Kansas Wesleyan University, Salina 67401	X	X			B	B							
Marymount College, Salina 67401	X	X	X		B	B							
Mid-America Nazarene College, Olathe 66061	X				B	B							
Ottawa University, Ottawa 66067	X	X			B	B							
Sacred Heart College, Wichita 67213	X	X			B	B							
St. Mary College, Xavier 66098	X	X	X		B	B							
St. Mary of the Plains College, Dodge City 67801	X	X	X		B	B							
University of Kansas, Lawrence 66044	X	X	X	B	BM	BM	BMSD	BMSD	BMSD	BMSD	BMSD	BMSD	BM[43]
Washburn University, Topeka 66621	X	X	X		BM	B	BM			BM[43]			
Wichita State University, Wichita 67208	X	X	X		BM	BM	BMS	BMS	BMS	BMS	BMS	BMS	BM[43]
KENTUCKY													
Asbury College, Wilmore 40390	X	X			B	B							
Bellarmine College, Louisville 40205	X	X		B	B	B							
Berea College, Berea 40403	X	X	X	B	B	B							
Brescia College, Owensboro 42301	X	X		B	B	B							
Campbellsville College, Campbellsville 42718	X	X			B	B							
Centre College of Kentucky, Danville 40422	X	X			B	B							
Cumberland College, Williamsburg 40769	X	X		B	B	B							
Eastern Kentucky University, Richmond 40475	X	X	X	B	BM	BM	M+15	M+15	(S)	M+15	M(S)		
Georgetown College, Georgetown 40324	X	X		B	BM	BM					M		
Kentucky State University, Frankfort 40601	X	X	X		B	B							
Kentucky Wesleyan College, Owensboro 42301	X	X		B	B	B							

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
KENTUCKY (continued)													
Morehead State University, Morehead 40351	X	X	X	B	BM	BM	M+15	M+15	(S)	M+15	M(S)		
Murray State University, Murray 42071	X	X	X	B	BM	BM	M+15	M+15	(S)	M+15	M(S)		
Northern Kentucky State College, Covington 41011	X	X[44]		B	B	B							
Pikeville College, Pikeville 41501	X	X		B	B	B							
Spalding College, Louisville 40203	X	X		B	BM	BM	M+15	M+15		M+15	M		
Thomas More College, Covington 41017	X	X		B	B	B							
Transylvania University, Lexington 40508	X	X			B	B							
Union College, Barbourville 40906	X	X		B	BM	BM	M+15	M+15					
University of Kentucky, Lexington 40506	X	X	X	B	BM	BM	M+15	M+15	(S)	M+15	M(S)		
University of Louisville, Louisville 40208	X	X	X	B	BM	BM	M+15	M+15	(S)	M+15	M(S)		
Western Kentucky University, Bowling Green 42101	X	X	X	B	BM	BM	M+15	M+15	(S)	M+15	M(S)		
LOUISIANA													
Baptist Christian College, Shreveport 71108	X				B	B							
Centenary College, Shreveport 71104	X	X		B	B	B							
Dillard University, New Orleans 70122	X	X		B	B	B							
Grambling College, Grambling 71245	X	X	X		B	B							
Louisiana College, Pineville 71360	X	X		B	B	B							
Louisiana State University and A & M College System, Baton Rouge 70803	X	X	X		BD	BMD	MD	MD	MD	MD	MD		S
Louisiana State University, New Orleans 70122	X	X			B	B	M	M	M	M	M		
Louisiana Technical University, Ruston 71270	X	X	X		B	B	M	M	M	M	M		
Loyola University, New Orleans 70118	X	X	X	B	B	M	M	M	M	M	M		M.Ed.
McNeese State University, Lake Charles 70601	X	X		B	BMD	BMD	MD	MD	MD	MD	MD		
Nicholls State University, Thibodaux 70301	X	X		B	B	B	M	M	M	M	M		S
Northeast Louisiana University, Monroe 71201	X	X	X	B	BMD	BMD	MD	MD	MD	MD	M	M	S
Northwestern State University, Natchitoches 71457	X	X	X	M	BMD	BMD	MD	MD	M	M	M		S
Our Lady of Holy Cross College, New Orleans 70114	X				B	B							
St. Mary's Dominican College, New Orleans 70118	X	X			B	B							

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
LOUISIANA (continued)													
Southeastern Louisiana University, Hammond 70401	X	X		B	B	BMS	MS	MS	MS	MS	MS		S
Southern University and A & M College, Baton Rouge 70813	X	X	X	B	BM	BM	M	M		M	M		
Tulane University of Louisiana, New Orleans 70118	X	X		BM	BM	BM	M	M	M	M	M		
University of Southwestern Louisiana, Lafayette 70501	X	X	X	B	BM	BM	M	M	M	M	M		S
Xavier University, New Orleans 70125	X	X			BM	BM	M	M	M	M	M		
MAINE													
Bates College, Lewiston 04240	X	X				B							
Bowdoin College, Brunswick 04011	X	X				B							
Colby College, Waterville 04901	X	X				B							
Husson College, Bangor 04401	X												B[7]
Nasson College, Springvale 04083	X	X				B							
Ricker College, Houlton 04730	X	X				B							
St. Francis College, Biddeford 04005	X	X				B							
St. Joseph's College, North Windham 04062	X	X			B	B							
Thomas College, Waterville 04901	X	X											B[7]
University of Maine													
UM at Farmington, Farmington 04938	X	X	X		B	B							B[45]
UM at Fort Kent, Fort Kent 04743	X	X			B								
UM at Machias, Machias 04654	X	X			B								B[7]
UM at Orono, Orono 04473	X	X	X		B	B	M	M	MS	M			
UM at Portland-Gorham, Gorham 04038	X	X	X		B(M)	BM	M	M	M	M	M		B[46]
UM at Presque Isle, Presque Isle 04769	X	X			B								B[29]
MARYLAND													
Bowie State College, Bowie 20715	X	X	X	B	BM	BM							B[22]
College of Notre Dame of Maryland, Baltimore 21210	X	X			B	B							
Columbia Union College, Takoma Park 20012	X	X			B	B							B[47]
Coppin State College, Baltimore 21216	X	X	X	B	B	B							BM[47a]
Frostburg State College, Frostburg 21532	X	X	X	B	BM	BM							B[47b]
Goucher College, Baltimore 21204	X	X			BM	B							B[15]
Hood College, Frederick 21701	X	X		B		B							B[48]
Johns Hopkins University, Baltimore 21218	X	X				BM							
Loyola College, Baltimore 21210	X	X			B	BM							

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				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
MARYLAND (continued)													
Maryland Institute, College of Art, Baltimore 21217	X	X											B[49]
Morgan State College, Baltimore 21239	X	X			BM	BM							B[50]
Mount St. Mary's College, Emmitsburg 21727	X	X				B							
Peabody Institute of the City of Baltimore, Baltimore 21202	X	X											BM[51]
St. Mary's College of Maryland, St. Mary's City 20686	X	X				B							B[23]
Salisbury State College, Salisbury 21801	X	X	X		BM	BM							
Towson State College, Baltimore 21204	X	X	X	B	BM	BM							B[52]
University of Maryland, College Park 20742	X	X	X	B	BM	BM							BM[53]
University of Maryland-Baltimore County, Baltimore 21228	X	X			B	B							
University of Maryland-Eastern Shore, Princess Anne 21853	X	X				B							B[54]
Washington College, Chestertown 21620	X	X				B							
Western Maryland College, Westminster 21157	X	X				BM							B[55]
MASSACHUSETTS													
American International College, Springfield 01109	X	X	X		B	B	X	X		X	X		X[7]
Amherst College, Amherst 01002	X	X				B							
Anna Maria College for Women, Paxton 01612	X	X			B	B							B[57]
Assumption College, Worcester 01609	X	X				X							X[58]
Atlantic Union College, South Lancaster 01561	X	X			B	B							B[23]
Berklee College of Music, Boston 02215	X												B[16b]
Berkshire Christian College, Lenox 01240	X				B								
Boston College, Chestnut Hill 02167	X	X	X		BM	BM	MSD	MSD	SD	MSD	MSD	MD	X[59]
Boston Conservatory of Music, Boston 02115	X	X											X[16b]
Boston University, Boston 02215	X	X	X		BMSD	BMSD	MSD	MSD	SD	MSD	MSD	SD	X[60]
Brandeis University, Waltham 02154	X	X			X	X							
Clark University, Worcester 01610	X	X			X	X					X		
College of the Holy Cross, Worcester 01610	X	X				X							

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
MASSACHUSETTS (continued)[58]													
College of Our Lady of the Elms, Chicopee 01013	X	X			B	B							
Curry College, Milton 02186	X	X			B	B							B[60a]
Eastern Nazarene College, Wollaston 02170	X	X			B	B							
Emerson College, Boston 02116	X	X			X	X							X[61]
Emmanuel College, Boston 02115	X	X			X	X							X[62]
Gordon College, Wenham 01984	X	X			B	B							X[9]
Harvard University, Cambridge 02138	X	X	X				MD	MD	SD	MD		X	X[63]
Hebrew College, Brookline 02146	X	X			B	B							
Lesley College, Cambridge 02138	X	X	X		BM					M			X[64]
Massachusetts State Colleges													
Boston SC, Boston 02115	X	X			B	B	X	X	X	X	X	X	
Bridgewater SC, Bridgewater 02324	X	X	X		BM	B	X	X	X	X	X	X	X[65]
Fitchburg SC, Fitchburg 01420	X	X	X		BM	BM	X	X	X	X	X	X	X[66]
Framingham SC, Framingham 01701	X	X	X		BM	BM	X	X	X	X	X	X	X[67]
Lowell SC, Lowell 01854	X	X	X		BM	B				X			X[16b]
Massachusetts College of Art, Boston 02215	X	X											B[23]
North Adams SC, North Adams 01247	X	X	X		B	B	X	X	X	X	X	X	
Salem SC, Salem 01970	X	X	X		BM	B	X	X	X	X	X	X	X[7]
Westfield SC, Westfield 01085	X	X	X		B	B	X	X	X	X	X	X	X[64]
Worcester SC, Worcester 01602	X	X	X		B	B	X	X	X	X	X	X	X[68]
Merrimack College, North Andover 01845	X	X	X			B							B[7]
Mt. Alvernia College, Newton 02158	X				B	B							
Mt. Holyoke College, South Hadley 01075	X	X			B	B							
New England Conservatory of Music, Boston 02115	X	X											X[16b]
Newton College of the Sacred Heart, Newton 02159	X	X			B	B							
Nichols College, Dudley 01570	X	X				B							
Northeastern University, Boston 02115	X	X	X		BM	BM	M	M	(S)	M	M(S)	X	X[69]
Regis College, Weston 02193	X	X			B	B							B[70]
St. John's Seminary, Brighton 02135	X	X				B							
Simmons College, Boston 02115	X	X				X							X[71]
Smith College, Northampton 01060	X	X			X	X							
Southeastern Massachusetts University, North Dartmouth 02747	X	X			B	B							
Springfield College, Springfield 01109	X	X	X		BM	B	X	X	X	MSD	MS	X	X[72]
Stonehill College, North Easton 02356	X	X				B							B[7]
Suffolk University, Boston 02114	X	X			X	X	X	X	X	X	X		

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
MASSACHUSETTS (continued)[16]													
Tufts University, Medford 02155	X	X			X	X	X	X	X	X	X	X	
University of Massachusetts, Amherst 01002	X	X	X		BMSD	BMSD	MSD	MSD	SD	MSD	MSD	X	
Wellesley College, Wellesley 02181	X	X											
Western New England College, Springfield 01119	X	X				X							
Wheaton College, Norton 02766	X	X			B	B							
Wheelock College, Boston 02215	X	X	X		BM								
MICHIGAN													
Adrian College, Adrian 49221	X	X			B	B							
Albion College, Albion 49224	X	X	X		BM	BM							
Alma College, Alma 48801	X	X	X		B	B							
Andrews University, Berrien Springs 49104	X	X	X		BM	BM							
Aquinas College, Grand Rapids 49506	X	X			B	B							
Calvin College, Grand Rapids 49506	X	X	X		B	B							
Central Michigan University, Mt. Pleasant 48858	X	X	X		BMS	BMS	MS[72a]	MS[72a]	S[72a]	MS[72a]	MS		
Eastern Michigan University, Ypsilanti 48197	X	X	X		BMS	BMS	M[72a]	M[72a]		M[72a]	MS		
Ferris State College, Big Rapids 49307	X	X				B							
Grand Valley State College, Allendale 49401	X	X			B	B							
Hillsdale College, Hillsdale 49242	X	X			B	B							
Hope College, Holland 49423	X	X	X		B	B							
Kalamazoo College, Kalamazoo 49001	X	X				B							
Madonna College, Livonia 48150	X	X	X		B	B							
Marygrove College, Detroit 48221	X	X	X		BM	BM							
Mercy College of Detroit, Detroit 48219	X	X			B	B							
Michigan State University, East Lansing 48823	X	X	X		BMSD	BMSD	MSD[72a]	MSD[72a]	SD[72a]	MSD[72a]	MSD		
Michigan Technological University, Houghton 49931	X	X				B							
Nazareth College, Kalamazoo 49074	X	X			B	B							
Northern Michigan University, Marquette 49855	X	X	X		BMS	BMS	M[72a]	M[72a]			MS		
Oakland University, Rochester 48063	X	X			BMD	BMD	X[72a]	X[72a]	X[72a]				
Olivet College, Olivet 49076	X	X	X		B	B							
Saginaw Valley College, University Center 48710	X	X			B	B							
Siena Heights College, Adrian 49221	X	X			BM	BM							
Spring Arbor College, Spring Arbor 49283	X	X			B	B							

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						SPECIAL FIELDS
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	
MICHIGAN (continued)													
University of Detroit, Detroit 48221	X	X	X		BMSD	BMSD							
University of Michigan, Ann Arbor 48104	X	X	X		BMD	BMD	MD[72a]	MD[72a]	D[72a]	MD[72a]	MD		
Wayne State University, Detroit 48202	X	X	X		BMSD	BMSD	MSD[72a]	MSD[72a]	SD[72a]	MSD[72a]	MSD	MSD[72b]	
Western Michigan University, Kalamazoo 49001	X	X	X		BMD	BMD	MSD[72a]	MSD[72a]	SD[72a]	MSD[72a]	MSD	MSD[72b]	
MINNESOTA													
Augsburg College, Minneapolis 55404	X	X	X		B	B							
Bemidji State College, Bemidji 56601	X	X	X		BM	BM	M				M		
Bethel College, St. Paul 55108	X	X	X		B	B							
Carleton College,Northfield 55057	X	X	X			B							
College of St. Benedict, St. Joseph 56374	X	X	X		B	B							
College of St. Catherine, St. Paul,55105	X	X	X		B	B							
College of St. Scholastica, Duluth 55811	X	X	X		B	B							
College of St. Teresa, Winona 55987	X	X	X		B	B							
College of St. Thomas, St. Paul 55101	X	X	X			B(MAT)	MS	MS	S	M	S		X[72c]
Concordia College,Moorhead 56560	X	X	X		B	B							
Concordia College, St.Paul 55104	X	X	X		B								
Gustavus Adolphus College, St. Peter 56082	X	X	X		B	B							
Hamline University, St.Paul 5510	X	X	X		B	B							
Macalester College, St.Paul 5510	X	X	X		B	B							
Mankato State College, Mankato 56001	X	X	X		B(MAT)	B(MAT)	MS	MS	MS	MS	M		M[72d] X[73]
Moorhead State College, Moorhead 56560	X	X	X		B5M	B5	M				M	M	X[73]
St. Cloud State College, St. Cloud 56301	X	X	X		B	BM	MS	MS	S	M	M		X[73]
St. John's University, Collegeville 56321	X	X			B	B							
St. Mary's College, Winona 55987	X	X				B(MAT)							
St. Olaf College, Northfield 55057	X	X	X			B							
Southwest State College, Marshall 56258	X	X			B	B							
University of Minnesota													
UM-Minneapolis-St. Paul, Minneapolis 55455	X	X	X	B	BM	BM	MSD	MSD	MSD	MD	MD	MSD	MD
UM-Duluth, Duluth 55812	X	X	X	B	BM	BM	MS	MS	S	MS	M		X[73]
UM-Morris, Morris 56267	X	X	X		B	B							
Winona State College, Winona 55987	X	X	X		B	BM	MS	MS	S		M		

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
MISSISSIPPI													
Alcorn Agricult[illegible]l and Mechanical College, [illegible]rman 39096	X	X			B	B							
Belhaven Colle[illegible] Jackson 39202	X	X			B	B							
Blue Mountain College, Blue Mountain 38610	X	X			B	B							
Delta State College, Cleveland 38732	X	X	X		BMS	BMS	MS	MS	MS	MS	M	M	M
Jackson State College, Jackson 39217	X	X	X		BMS	BMS	MS	MS	M	M	M		M
Millsaps College, Jackson 39210	X	X			B	B							
Mississippi College, Clinton 39056	X	X	X		BM	BM	M	M	M	M	M	M	M
Mississippi Industrial College, Holly Springs 38635	X				B	B							
Mississippi State College for Women, Columbus 39701	X	X	X		BMS	BM	BMS	BMS	BM	M			M
Mississippi State University, State College 39762	X	X	X		BMSD	BMSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
Mississippi Valley State College, Itta Bena 38941	X	X			B	B							
Rust College, Holly Springs 38635	X	X			B	B							
Tougaloo College, Tougaloo 39174	X	X			B	B							
University of Mississippi, University 38677	X	X	X		BMSD	BMSD	MSD	MSD	MSD	MSD	MSD		MSD
University of Southern Mississippi, Hattiesburg 39401	X	X	X		BMSD	BMSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
William Carey College, Hattiesburg 39401	X	X			B	B							
MISSOURI													
Avila College, Kansas City 64145	X	X		B	B	B							
Calvary Bible College, Kansas City 64111	X				B								
Central Methodist College, Fayette 65248	X	X	X		B	B							
Central Missouri State University, Warrensburg 64093	X	X	X		BM	BM	MS	MS	S	MS	M	M	x^{74}
College of the School of the Ozarks, Point Lookout 65726	X	X			B	B							
Culver-Stockton College, Canton 63435	X	X			B	B							
Drury College, Springfield 65802	X	X	X		BM	BM	M	M					
Evangel College, Springfield 65802	X	X	X		B	B							
Fontbonne College, St.Louis 63105	X	X	X		B	B							B^1
Harris Teachers College, St. Louis 63103	X	X	X		B								B^1
Immaculate Conception Seminary, Conception 64433	X	X				B							
Lincoln University, Jefferson City 65101	X	X			BM	BM	M	M		M	M	M	x^{74}
Lindenwood Colleges, St. Charles 63301	X	X	X		B	B							

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
MISSOURI (continued)													
Marillac College, St.Louis 63121	X	X			B	B							
Maryville College of the Sacred Heart, St. Louis 63141	X	X			B	B							
Missouri Southern College, Joplin 64801	X	X			B	B							
Missouri Valley College, Marshall 65340	X	X			B	B							
Missouri Western College, St. Joseph 64507	X	X			B	B							B[1]
Northeast Missouri State University, Kirksville 63501	X	X	X		BM	BM	M	M		M	M	M	X[74]
Northwest Missouri State University, Maryville 64468	X	X	X	B	B	B				M	M	M	X[74]
Notre Dame College, St. Louis 63125	X	X			B	B							
Park College, Parkville, Kansas City 64152	X	X			B	B							
Rockhurst College, Kansas City 64110	X	X			B	B							
St. Louis University, St. Louis 63103	X	X	X		BM	BM	MD	MD	D	MD	MD	M	X[1]
St. Mary's Seminary-College, Perryville 63775	X	X				B							
Southeast Missouri State University, Cape Girardeau 63701	X	X	X		B	B				M	M	M	X[74]
Southwest Baptist College, Bolivar 65613	X	X			B	B							
Southwest Missouri State University, Springfield 65802	X	X	X		B	B				M	M	M	X[74]
Stephens College, Columbia 65201	X	X		B	B	B							
Tarkio College, Tarkio 64491	X	X			B	B							
University of Missouri													
UM-Columbia, Columbia 65201	X	X	X		MSD	MSD	MSD	MSD	SD	MSD	MD	M	X[75]
UM-Kansas City, Kansas City 64110	X	X	X		M	M	M	M		MD	MD	M	
UM-St.Louis, St.Louis 63121	X	X	X	B	BM	BM	M	M		M	M	M	X[1]
Washington University, St. Louis 63130	X	X	X		MS	MS	SD	SD		MD	MD	M	X[1]
Webster College, Webster Groves, St. Louis 63119	X	X			B	BM							
Westminster College, Fulton 65251	X	X			B	B							
William Woods College, Fulton 65251	X	X	X		B	B							
MONTANA	19			76								77	
Carroll College, Helena 59601		X			B	B							
College of Great Falls, Great Falls 59401		X			B	B							
Eastern Montana College, Billings 59101		X	X	M[78]	BM (MAT)[79]	BM (MAT)[79]				M	BM[80]		B[81]
Montana State University, Bozeman 59715		X	X		BMD (MAT)[82]	BMD	M	M	MD	MD	BMD		

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
MONTANA (continued)	19			76								77	
Northern Montana College, Havre 59501		X	X		BM	BM				M			
Rocky Mountain College, Billings 59102		X			B	B							
University of Montana, Missoula 59801		X	X		BMD	BMD	M	M	MD	MD	BMD		
Western Montana College, Dillon 59725		X			BM	BM				M	B		
NEBRASKA													
Chadron State College, Chadron 69337	X	X	X	B	BM	BM	M	M		M	M		BM[83]
College of St. Mary, Omaha 68124	X	X		B	B	B							B[84]
Concordia Teachers College, Seward 68434	X	X	X	B	BM	B							B[85]
Creighton University, Omaha 68131	X	X	X	B	BM (MAT)	BM (MAT)	M	M			M		BM[86]
Dana College, Blair 68008	X	X	X	B	B	B							B[87]
Doane College, Crete 68333	X	X		B	B	B							B[88]
Hastings College, Hastings 68901	X	X	X	B	B	B							B[89]
Kearney State College, Kearney 68847	X	X	X	B	BM	BM	M	M			M		BM[90]
Midland Lutheran College, Fremont 68025	X	X	X	B	B	B							B[91]
Nebraska Wesleyan University, Lincoln 68504	X	X	X	B	B	B							B[92]
Peru State College, Peru 68421	X	X	X	B	B	B							B[93]
Union College, Lincoln 68506	X	X	X	B	B	B							B[94]
University of Nebraska													
UN-Lincoln, Lincoln 68508	X	X	X	BMSD	BMSD	BMSD	MSD	MSD	SD	MSD	MSD	MSD	BMSD[95]
UN-Omaha, Omaha 68132	X	X	X	BM	BM	BM	M	M	S	MS	MS		BMS[96]
Wayne State College, Wayne 68787	X	X	X	B	BM	BM					M		M[97]
NEVADA	19												
University of Nevada													
UN-Las Vegas, Las Vegas 89109		X			BMS	BMS	MS	MS	MS	M	M		BMS[1]
UN-Reno, Reno 89507		X	X	S	BMS	BMS	MS	MS	MS	MS	MS		MS[1]

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				TEACHERS			SCHOOL SERVICE PERSONNEL							
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
NEW HAMPSHIRE													
Dartmouth College, Hanover 03755	X	X				B							
Franconia College, Franconia 03580	X[99]				B	B							
Franklin Pierce College, Rindge 03461	X[99]	X			B	B							
Keene State College, Keene 03431	X	X	X		BM	BM	M	M					M[1]
Mount St. Mary College, Hooksett 03106	X	X		B	B	B							
Nathaniel Hawthorne College, Antrim 03440	X	X			B								
New England College, Henniker 03242	X	X			B	B							
Notre Dame College, Manchester 03104	X	X			B	B							
Plymouth State College, Plymouth 03264	X	X	X		BM	BM	M	M					
Rivier College, Nashua 03060	X	X			BM	BM	M	M					
St. Anselm's College, Manchester 03102	X	X				B							
University of New Hampshire, Durham 03824	X	X	X	B	BM (MAT)	BM (MAT)	M	M			MD		
NEW JERSEY													
Bloomfield College, Bloomfield 07003	X	X				B							
Caldwell College for Women, Caldwell 07006	X	X			B	B							X[100]
College of St. Elizabeth, Convent Station 07961	X	X			B	B							X[100]
Fairleigh Dickinson University, Rutherford 07070	X	X		B	B	BM						M	X[101]
Felician College, Lodi 07644	X				B								
Georgian Court College, Lakewood 08701	X	X			B	B							
Glassboro State College, Glassboro 08028	X	X	X	B	BM	BM	M[102]	M[102]		M			X[103]
Jersey City State College, Jersey City 07305	X	X	X	BM	BM	BM					M	M	X[104]
Monmouth College, West Long Branch 07764	X	X			BM	BM					M		
Montclair State College, Upper Montclair 07043	X	X	X			BM	M[102]	M[102]	M	M	M	M	X[105]
Newark State College, Union 07083	X	X	X	BM	BM	BM	M[102]	M[102]		M	M	M	X[106]
Princeton University, Princeton 08540	X	X				B							
Ramapo College, Mahwah 07430	107												
Richard Stockton State College, Pleasantville 08232	107												
Rider College, Trenton 08602	X	X			B	BM	M[102]	M[102]		M	M		X[108]
Rutgers, The State University, New Brunswick 08903	X	X	X	B[109]	B[110]M	BM	MD[102]	MD[102]	MD	MD	MD	MD	X[111]
St. Peter's College, Jersey City 07306	X	X			BM	BM							

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				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
NEW JERSEY (continued)													
Seton Hall University, South Orange 07079	X	X			BM	BM	M[102]	M[102]	M	M	M	M	X[112]
Trenton State College, Trenton 08625	X	X	X	BM	BM	BM					M		X[113]
Upsala College, East Orange 07019	X	X			B	B							
Westminster Choir College, Princeton 08540	X	X				B[16]							
William Paterson College, Wayne 07470	X	X	X	B	BM	BM	M	M		M	M		X[114]
NEW MEXICO													
College of Santa Fe, Santa Fe 87501	X	X			B	B							
College of the Southwest, Hobbs 88240	X				B	B[14]							
Eastern New Mexico University, Portales 88130	X	X	X	B	BM	BM	BMS	BMS	BMS	BMS	BM		B[115]
New Mexico Highlands University, Las Vegas 87701	X	X			BM	BM	BM	BM		BM	BM		M[116]
New Mexico Junior College,[2] Hobbs 88240	X	X											
New Mexico State University, Las Cruces 88001	X	X	X	B	BM	BM	BMD	BMD	BMD	BMD	BMD		BM[117]
University of Albuquerque, Albuquerque 87120	X	X			BM	BM	BM	BM		BM	BM		
University of New Mexico, Albuquerque 87106	X	X	X	B	BM	BM	BMD	BMD	BMD	BMD	BMD		M[118]
Western New Mexico University, Silver City 88061	X	X	X		BM	BM	BM	BM		BM	BM		
NEW YORK													
Adelphi University, Garden City 11530	X	X		BM	BM	BM						D	BM[119]
Alfred University, Alfred 14802	X	X				BM						M	BM[15]
Bank Street College of Education, New York 10027	X	X		M			MS	MS		MS	M		M[120]
Briarcliff College, Briarcliff Manor 10510	X	X		B									B[23]
Canisius College, Buffalo 14208	X	X	X	B	B	BM					M		BM[121]
City University of New York													
Bernard M. Baruch College, New York 10010	X	X		B	B	B	M	M		M			BM[122]
Brooklyn College, Brooklyn 11210	X	X	X	BM	BM	BM	S	S		S	M	M	BM[123]
City College, New York 10031	X	X	X	BM	BM	BM	S	S		S	M	M	BM[124]
Herbert H. Lehman College, Bronx 10468	X	X		BM	BM	B					M		BM[125]
Hunter College, New York 10021	X	X	X	BM	BM	BM	S	S		S	M		BM[126]
Queens College, Flushing 11367	X	X	X	BM	BM	BM	S	S		S	M	MS	BM[127]
Richmond College, Staten Island 10301	X	X		BM	BM	BM	S	S		S	M		BM[128]
York College, Jamaica 11432	X	X		B	B	B							BM[31]

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
NEW YORK (continued)													
Colgate University, Hamilton 13346	X	X				BM(MAT)					M		
College of Mount St. Vincent, Mt. St. Vincent-on-Hudson 10471	X	X		B	B	B							B[129]
College of New Rochelle, New Rochelle 10801	X	X		BM	BM	B							BM[130]
College of St. Rose, Albany 12203	X	X		BM	BM	BM							BM[131]
College of White Plains, White Plains 10603	X	X		B	B	B							B[132]
Columbia University													
Barnard College, New York 10027	X	X		B	B	B							
Teachers College, New York 10027	X	X	X	M	M	MD (MAT)	D	D	D	D	MD	D	MD[133] (MAT)
Cornell University, Ithaca 14850	X	X		(MAT)	(MAT)	BM(MAT)	MD	MD	D	MD	MD	D	BM[134]
Dominican College, Blauvelt 10913	X	X		B	B	B							B[128]
Dowling College, Oakdale 11769	X	X		B	B	B							
D'Youville College, Buffalo 14201	X	X		B	B	B							B[135]
Elmira College, Elmira 14901	X	X		BM	BM	BM							
Finch College, New York 10021	X	X		B	B								B[23]
Fordham University, Bronx 10458													
School of Education	X	X	X	BM (MAT)	BM (MAT)	BM (MAT)	S	S	S	S	MS		BM[136]
Bensalem College	X	X		B	B								
Hamilton College, Clinton 13323	X	X				B							
Hartwick College, Oneonta 13820	X	X				B							B[166]
Hobart and William Smith Colleges, Geneva 14456	X	X		B	B	B							
Hofstra University, Hempstead, 11550	X	X	X	BM	BM	BM	SD	SD	SD	SD	MS	M	BM[137]
Houghton College, Houghton 14744	X	X		B	B	B							B[22]
Iona College, New Rochelle 10801	X	X		B	B	BM							B[138]
Ithaca College, Ithaca 14850	X	X	X			B	S	S		S			BM[139]
Keuka College, Keuka Park 14478	X	X		B	B	B							
King's College, Briarcliff Manor 10510	X	X		B	B	B							B[22]
Ladycliff College, Highland Falls 10928	X	X		B	B	B							B[23]
LeMoyne College, Syracuse 13214	X	X				B							
Long Island University													
LIU-Brooklyn Center, Brooklyn 11201	X	X		BM	BM	BM					M		BM[140]
LIU-C.W. Post Center, Greenvale 11548	X	X		BM	BM	BM					MS		BM[141]
LIU-Southampton Center, Southampton 11968	X	X		B	B	B							B[23]
Manhattan College, Bronx 10471	X	X		M	M	BM					M		BM[142]
Manhattan School of Music, New York 10027	X	X					S	S		S			M[166]
Manhattanville College, Purchase 10577	X	X		B(MAT)	B(MAT)	B(MAT)							B[166]
Marist College, Poughkeepsie 12601	X	X				B							
Marymount College, Tarrytown 10591	X	X		B	B	B							B[143]
Marymount Manhattan College, New York 10021	X	X		B	B	B							B[144]

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
NEW YORK (continued)													
Medaille College, Buffalo 14214	X	X		B	B								
Mercy College, Dobbs Ferry 10522	X	X		B	B								B[144]
Molloy College, Rockville Centre 11570	X	X		B	B	B							B[145]
Mount St. Mary College, Newburgh 12550	X	X		B	B	B							B[144]
Nazareth College, Rochester 14610	X	X		BM	BM	B							B[146]
New York Institute of Technology, Old Westbury 11568	X	X				B							B[147]
New York University, New York 10003	X	X	X										
School of Education				BM	BM	BM(MAT)	D	D	D	D	M	D	BM[148]
Niagara University, Niagara University 14109	X	X				BM(MAT)	M	M		M	M		B[149]
Nyack Missionary College, Nyack 10960	X	X		B	B								B[166]
Pace College, New York 10038	X	X		B	B	BM	MS	MS		MS			BM[150]
Pace College-Westchester Campus, Pleasantville 10570	X	X		B	B	B							
Pratt Institute, Brooklyn 11205	X	X											BM[23]
Roberts Wesleyan College, Rochester 14624	X	X		B	B	B							B[166]
Rochester Institute of Technology, Rochester 14623	X	X											B[23]
Rosary Hill College, Buffalo 14226	X	X		B	B	B							B[151]
Russell Sage College, Troy 12180	X	X		BM	BM	B							B[152]
St. Bonaventure University, St. Bonaventure 14778	X	X		B	B	B	M	M		M	M	M	B[140]
St. Francis College, Brooklyn 11201	X	X		B	B	B							B[132]
St. John Fisher College, Rochester 14618	X	X				B							B[132]
St. John's University, Jamaica 11432	X	X		B	B	BM	D	D	D	D	MD	MD	B[153]
Notre Dame College, Staten Island 10301	X	X		B	B	B							B[138]
St. Joseph's College, Brooklyn 11205	X	X		B	B	B							B[138]
St. Lawrence University, Canton 13617	X	X			B	B	MS	MS		MS	M	M	B[154]
St. Thomas Aquinas College, Sparkill 10976	X	X		B	B	B							B[23]
Sarah Lawrence College, Bronxville 10708	X	X		BM (MAT)									
Siena College, Loudonville 12211	X	X				B							
Skidmore College, Saratoga Springs 12866	X	X		B	B	B							B[155]
State University of New York													
SUNY at Albany, Albany 12203	X	X	X	M	M	BM (MAT)	SD	SD	SD	SD	MD	S	BM[156]
SUNY at Binghamton, Binghamton 13901	X	X											
SUNY at Buffalo, Buffalo 14214	X	X	X	BMD	BMD	BMD	MD	MD	MD	MD	MD	M	BM[157]
SUNY at Stony Brook, Stony Brook 11790	X	X		B	B	B							B[158]

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
NEW YORK (continued)													
State University Of New York													
SUNY Upstate Medical Center, Syracuse 13210	X	X											B[159]
SUNY College at Brockport, Brockport 14420	X	X		BM(MAT)	BM(MAT)	BM	M	M		M	M		BM[160]
SUNY College at Buffalo, Buffalo 14222	X	X	X	BM	BM	BM	M	M		M			BM[161]
SUNY College at Cortland, Cortland 13045	X	X	X	BM	BM	BM(MAT)	S	S		S			BM[162]
SUNY College at Fredonia, Fredonia 14063	X	X	X	B	B	BM	M	M		M			BM[163]
SUNY College at Geneseo, Geneseo 14454	X	X	X	BM	BM	BM	M	M		M			BM[164]
SUNY College at New Paltz, New Paltz 12561	X	X	X	BM	BM	BM(MAT)	(S)	(S)		(S)			BM[23]
SUNY College at Oneonta, Oneonta 13820	X	X	X	BM	BM	BM					M		BM[165]
SUNY College at Oswego, Oswego 13126	X	X	X	BM	BM	BM	(S)	(S)		(S)	M	M	BM[166]
SUNY College at Plattsburgh, Plattsburgh 12901	X	X	X	BM	BM	BM	M	M		M	M	M	BM[167]
SUNY College at Potsdam, Potsdam 13676	X	X	X	BM	BM	BM	M	M		M			BM[16b]
Syracuse University, Syracuse 13210	X	X	X	BM(S)D	BM(S)D	BM(S)D	M(S)D	M(S)D	M(S)D	M(S)D	M	M(S)D	BM(S)D[168]
University of Rochester, Rochester 14627	X	X	X	BM	BM	BM	MD	MD	MD	MD	M(S)		BM[16b]
Utica College (of Syracuse University), Utica 13502	X	X				B							
Vassar College, Poughkeepsie 12601	X	X		B	B	B							
Wagner College, Staten Island 10301	X	X		BM	BM	BM							BM[169]
Wells College, Aurora 13026	X	X				B							
Yeshiva University, New York 10033													
Belfer Graduate School	X	X				M							
Ferkauf Graduate School	X	X		M	M	M	D	D	D	D	M(S)D	M(S)D	M[144]
Stern College	X	X		B	B								
NORTH CAROLINA													
Appalachian State University, Boone 28607	X	X	X	BM	BM	BM	MS	MS	MS	M	M		BM[170]
Atlantic Christian College, Wilson 27893	X	X	X	B	B	B							B[171]
Barber-Scotia College, Concord 28025	X	X		B	B	B							
Bennett College, Greensboro 27420	X	X		B	B	B							B[172]
Campbell College, Buies Creek 27506	X	X	X	B	B	B							B[173]
Catawba College, Salisbury 28144	X	X		B	B	B							B[173]
Davidson College, Davidson 28036	X	X				B							
Duke University, Durham 27706	X	X	X	BMD	BMD	BMD	MSD	MSD	MSD	MSD	MS		BM[174]
East Carolina University, Greenville 27834	X	X	X	BM	BM	BM	MS	MS	MS	MS	M		BM[175]

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
NORTH CAROLINA (continued)													
Elizabeth City State University, Elizabeth City 27909	X	X		B	B	B							B^{176}
Elon College, Elon College 27244	X	X		B	B	B							B^{173}
Fayetteville State University, Fayetteville 28301	X	X			B	B							B^{177}
Gardner Webb College, Boiling Springs 28017	X	X		B	B	B							B^{173}
Greensboro College, Greensboro 27420	X	X		B	B	B							B^{171}
Guilford College, Greensboro 27410	X	X		B	B	B							B^{177}
High Point College, High Point 27262	X	X	X	B	B	B							B^{178}
Johnson C. Smith University, Charlotte 28216	X	X			B	B							B^{173}
Lenoir Rhyne College, Hickory 28601	X	X	X	B	B	B							B^{179}
Livingstone College, Salisbury 28144	X	X		B	B	B							B^{16b}
Mars Hill College, Mars Hill 28754	X	X		B	B	B							B^{176}
Meredith College, Raleigh 27611	X	X		B	B	B							B^{15}
Methodist College, Fayetteville 28301	X	X		B	B	B							B^{16b}
North Carolina A & T State University, Greensboro 27411	X	X		BM	M	BM	M	M		M	M		BM^{180}
North Carolina Central University, Durham 27707	X	X	X		M	BM	MS	MS		M	M		BM^{181}
North Carolina State University, Raleigh 27607	X	X	X			BM					MSD	SD	
North Carolina Wesleyan College, Rocky Mount 27801	X	X				B							B^{16b}
Pembroke State University, Pembroke 28372	X	X	X	B	B	B							B^{178}
Pfeiffer College, Misenheimer 28109	X	X		B	B	B							B^{173}
Queens College, Charlotte 28207	X	X		B	B	B							B^{15}
Sacred Heart College, Belmont 28012	X	X		B	B								B^{23}
St. Andrews Presbyterian College, Laurinburg 28352	X	X		B	B	B							B^{16b}
St. Augustine's College, Raleigh 27611	X	X		B	B	B							B^{173}
Salem College, Winston-Salem 27108	X	X	X	B	B	B							B^{15}
Shaw University, Raleigh 27602	X	X		B	B	B							B^{173}
University of North Carolina													
UNC at Asheville, Asheville 28801	X	X		B	B	B							B^{23}
UNC at Chapel Hill, Chapel Hill 27514	X	X	X	BMSD	BMSD	BMSD	MSD	MSD	MSD	MSD	MSD	SD	BM^{182}
UNC at Charlotte, Charlotte 28213	X	X		BM	BM	BM	M	M		M	M		B^{15}
UNC at Greensboro, Greensboro 27412	X	X	X	BM	BM	BM	MSD	MSD	MSD	M	MSD		BM^{183}
UNC at Wilmington, Wilmington 28401	X	X		B	B	B							B^{173}

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				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
NORTH CAROLINA (continued)													
Wake Forest University, Winston-Salem 27109	X	X	X			BM	M	M			M		BM[184]
Warren Wilson College, Swannanoa 28778	X	X		B	B	B							B[16b]
Western Carolina University, Cullowhee 28723	X	X	X	BM	BM	BM	MS	MS	MS	MS		M	BM[185]
Winston-Salem State University, Winston-Salem 27102	X	X	X	B	B	B							B[173]
NORTH DAKOTA													
Dickinson State College, Dickinson 58601	X	X	X	B	B	B	B	B	B	B	B		B[1]
Jamestown College, Jamestown 58401	X	X		B	B	B	B	B	B	B			
Mary College, Bismarck 58501	X	X		B	B	B	B	B	B	B			
Mayville State College, Mayville 58257	X	X	X	B	B	B	B	B	B	B			B[1]
Minot State College, Minot 58701	X	X	X	B	B	B	B	B	B	B	B		BM[1]
North Dakota State University, Fargo 58102	X	X	X			B	BM	BM	BM	BM	B		BM[1]
University of North Dakota, Grand Forks 58201	X	X	X	BMD	BMD	BMD	BMD	BMD	BMD	BM	BM	MD	BMD[1]
Valley City State College, Valley City 58072	X	X	X	B	B	B	B	B	B	B	B		B[1]
OHIO													
Antioch College, Yellow Springs 45387	X	X				B							(MAT)
Ashland College, Ashland 44805	X	X	X	B	B	B							
Athenaeum of Ohio, Norwood, Cincinnati 45212	X	X				B							
Baldwin-Wallace College, Berea 44017	X	X	X	B	B	B							
Bluffton College, Bluffton 45817	X	X		B	B	B							
Bowling Green State University, Bowling Green 43403	X	X	X	B	B	B	M	M	MS	M	M	M	
Capital University, Columbus 43209	X	X	X	B	B	B							
Case Western Reserve University, Cleveland 44106	X	X		B	B	B							
Cedarville College, Cedarville 45314	X			B	B	B							
Central State University, Wilberforce 45384	X	X	X	B	B	B							
Cleveland State University, Cleveland 44115	X	X		B	B	B	M	M			M	M	(MAT)
College of Mount St. Joseph-on-the-Ohio, Mt. St. Joseph 45051	X	X		B	B	B							
College of Steubenville, Steubenville 43952	X	X		B	B	B							
College of Wooster, Wooster 44691	X	X			B	B							
Defiance College, Defiance 43512	X	X		B	B	B							
Denison University, Granville 43023	X	X				B							

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				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
OHIO (continued)													
Edgecliff College, Cincinnati 45206	X	X			B	B							
Findlay College, Findlay 45840	X	X		B	B	B							
Heidelberg College, Tiffin 44883	X	X		B	B	B							
Hiram College, Hiram 44234	X	X	X	B	B	B							
John Carroll University, Cleveland 44118	X	X	X		B	B	M	M		M	M	M	(MAT)
Kent State University, Kent 44242	X	X	X	B	B	B	M	M	MS	M	M	M	
Lake Erie College, Painesville 44077	X	X		B	B	B							
Malone College, Canton 44709	X	X		B	B	B							
Marietta College, Marietta 45750	X	X			B	B							
Mary Manse College, Toledo 43620	X	X		B	B	B							
Miami University, Oxford 45056	X	X	X	B	B	B	M	M	MS	M	M	M	(MAT)
Mt. Union College, Alliance 44601	X	X			B	B							
Muskingum College, New Concord 43762	X	X		B	B	B							
Notre Dame College, South Euclid, Cleveland 44121	X	X			B	B							
Oberlin College, Oberlin 44074	X	X			B	B							(MAT)
Ohio Dominican College, Columbus 43219	X	X			B	B							
Ohio Northern University, Ada 45810	X	X			B	B							
Ohio State University, Columbus 43210	X	X	X	B	B	B	M	M	MS	M	M	M	
Ohio University, Athens 45701	X	X	X	B	B	B	M	M	MS	M	M	M	
Ohio Wesleyan University, Delaware 43015	X	X			B	B							
Otterbein College, Westerville 43081	X	X	X	B	B	B							
Rio Grande College, Rio Grande 45674	X	X		B	B	B							
St. John College, Cleveland 44114	X	X	X	B	B		M				M		
University of Akron, Akron 44304	X	X	X	B	B	B	M	M	MS	M	M	M	
University of Cincinnati, Cincinnati 45221	X	X	X	B	B	B	M	M	MS	M	M	M	
University of Dayton, Dayton 45409	X	X	X	B	B	B	M	M		M	M	M	
University of Toledo, Toledo 43606	X	X	X	B	B	B	M	M	MS	M	M	M	
Urbana College, Urbana 43078	X			B	B	B							
Ursuline College, Cleveland 44124	X	X			B	B							
Walsh College, Canton 44720	X	X			B	B							
Western College, Oxford 45056	X	X			B	B							
Wilberforce University, Wilberforce 45384	X	X		B	B	B							
Wilmington College, Wilmington 45177	X	X	X		B	B							
Wittenberg University, Springfield 45501	X	X	X	B	B	B							
Wright State University, Dayton 45431	X	X		B	B	B	M	M		M	M	M	

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APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
OHIO (continued)													
Xavier University, Cincinnati 45207	X	X		B	B	B	M	M	MS	M	M	M	
Youngstown State University, Youngstown 44503	X	X	X	B	B	B	M	M	MS	M	M		
OKLAHOMA													
Bethany Nazarene College, Bethany 73008	X	X			B(M)	B(M)							(M)
Cameron State College, Lawton 73501	X	X			B	B							B
Central State University, Edmond 73034	X	X	X	B	B(M)	B(M)	M	M	M		M	(S)	B
East Central State College, Ada 74820	X	X	X		B(M)	B(M)	M	M	M		M		B
Langston University, Langston 73050	X	X	X		B	B							B
Northeastern State College, Tahlequah 74464	X	X	X		B(M)	B(M)	M	M	M		M		B
Northwestern State College, Alva 73717	X	X	X		B(M)	B(M)	M	M	M		M		B
Oklahoma Baptist University, Shawnee 74801	X	X	X		B	B							B
Oklahoma Christian College, Oklahoma City 73111	X	X	X		B	B							
Oklahoma City University, Oklahoma City 73106	X	X		B	B	B							B
Oklahoma College of Liberal Arts, Chickasha 73018	X	X	X		B	B							B
Oklahoma State University, Stillwater 74074	X	X	X	B	B(M)	B(M)	SD	SD	SD		SD	D	B
Oral Roberts University, Tulsa 74105	X	X			B	B							
Panhandle State College, Goodwell 73939	X	X	X		B	B							
Phillips University, Enid 73701	X	X	X		B(M)	B(M)	M	M	M		M		B
Southeastern State College, Durant 74701	X	X	X		B(M)	B(M)	M	M	M		M		B
Southwestern State College, Weatherford 73096	X	X	X		B(M)	B(M)	M	M	M		M		B
University of Oklahoma, Norman 73069	X	X	X	B	B(M)	B(M)	SD	SD	SD		S	D	B
University of Tulsa, Tulsa 74104	X	X	X	B	B(M)	B(M)	S	S	S		S	S	BM
OREGON													
Eastern Oregon College, LaGrande 97850	X	X	X		B	B							
George Fox College, Newberg 97132	X	X				B							
Lewis and Clark College, Portland 97219	X	X	X		BM	BM							
Linfield College, McMinnville 97128	X	X				BM							
Marylhurst College, Marylhurst 97036	X	X	X		B	B							

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
OREGON (continued)													
Oregon College of Education, Monmouth 97361	X	X	X		BM	BM			BM		B		
Oregon State University, Corvallis 97331	X	X	X		BM	BM			MD				
Pacific University, Forest Grove 97116	X	X			BM	BM							
Portland State University, Portland 97207	X	X	X		BM	BM	S	S			BM		
Reed College, Portland 97202	X	X	X			B(MAT)							
Southern Oregon College, Ashland 97520	X	X	X		BM	BM							
University of Oregon, Eugene 97403	X	X	X		BM	BM	MD	MD	MD		MD	MD	
University of Portland, Portland 97203	X	X			BM	BM							
Warner Pacific College, Portland 97215	X	X				B							
Willamette University, Salem 97301	X	X				B							
PENNSYLVANIA[illegible]													
Albright College, Reading 19604	X	X				B							
Allegheny College, Meadville 16335	X	X			X	X							(MAT)
Alliance College, Cambridge Springs 16403	X	X				B							
Alvernia College, Reading 19607	X	X			B	B							
Antioch-Putney Graduate School of Education, Philadelphia 19144	X	X			M	M					M		(MAT)
Beaver College, Glenside 19038	X	X			B	B							
Bloomsburg State College, Bloomsburg 17815	X	X	X		BM	BM				X			
Bryn Mawr College, Bryn Mawr 19010	X	X				X					X	X	
Bucknell University, Lewisburg 17837	X	X			X	X	X	X			X	X	
Cabrini College, Radnor 19087	X	X			B	B							
California State College, California 15419	X	X	X		BM	BM				X	M	X	
Carlow College, Pittsburgh 15213	X	X	X		B	B							
Carnegie-Mellon University, Pittsburgh 15213	X	X				X							
Cedar Crest College, Allentown 18104	X	X			B	B							
Chatham College, Pittsburgh 15232	X	X			B	B							
Chestnut Hill College, Philadelphia 19118	X	X			B	B							
Cheyney State College, Cheyney 19319	X	X	X		B	B							
Clarion State College, Clarion 16214	X	X	X		B	B				X			
College Misericordia, Dallas 18612	X	X			B	B							
Dickinson College, Carlisle 17013	X	X				B							
Drexel University, Philadelphia 19104	X	X				X							

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
PENNSYLVANIA (continued)[144]													
Duquesne University, Pittsburgh 15219	X	X	X		BM	BM	M	M	X	X	M	X	(MAT)
East Stroudsburg State College, East Stroudsburg 18301	X	X	X		B	B							
Eastern Baptist College, St. Davids 19087	X	X			B	B							
Edinboro State College, Edinboro 16412	X	X	X		BM	BM	X	X		X	M	M	
Elizabethtown College, Elizabethtown 17022	X	X			B	B							
Franklin and Marshall College, Lancaster 17604	X	X				B							
Gannon College, Erie 16501	X	X	X			BM					M		(MAT)
Geneva College, Beaver Falls 15010	X	X			B	B							
Gettysburg College, Gettysburg 17325	X	X			B	B							
Grove City College, Grove City 16127	X	X			B	B							
Gwynedd-Mercy College, Gwynedd Valley 19437	X	X			B	B							
Holy Family College, Philadelphia 19114	X	X			B	B							
Immaculata College, Immaculata 19345	X	X			B	B							
Indiana University of Pennsylvania, Indiana 15701	X	X	X		BM	BM				M	M	X	
Juniata College, Huntingdon 16652	X	X			B	B							
King's College, Wilkes-Barre 18702	X	X	X			B							
Kutztown State College, Kutztown 19530	X	X	X		BM	B				X	X		
Lafayette College, Easton 18042	X	X				B							
LaSalle College, Philadelphia 19141	X	X				B							
Lebanon Valley College, Annville 17003	X	X			B	B							
Lehigh University, Bethlehem 18015	X	X	X		M	M	M	M	SD	D	MD	S	(MAT)
Lincoln University, Lincoln University 19352	X	X				B							
Lock Haven State College, Lock Haven 17745	X	X	X		B	B							
Lycoming College, Williamsport 17701	X	X			B	B							
Mansfield State College, Mansfield 16933	X	X	X		BM	B							
Marywood College, Scranton 18509	X	X	X		B	B					X	X	
Mercyhurst College, Erie 16501	X	X			B	B							
Messiah College, Grantham 17027	X	X			B	B							
Millersville State College, Millersville 17551	X	X	X		BM	BM				X	M	M	
Moore College of Art, Philadelphia 19103	X	X											B[23]
Moravian College, Bethlehem 18018	X	X	X		B	B							

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
PENNSYLVANIA (continued)[146]													
Muhlenberg College, Allentown 18104	X	X	X		B	B							
Pennsylvania State University, University Park 16802	X	X	X		BMD	BMD	MD	MD	D	MD	MD	D	
Philadelphia College of Art, Philadelphia 19102	X	X											B^{23}
Philadelphia Musical Academy, Philadelphia 19107	X	X											B^{16b}
PMC Colleges, Chester 19013	X	X				B							
Point Park College, Pittsburgh 15222	X	X			B	B							
Robert Morris College, Pittsburgh 15219	X	X				B							
Rosemont College, Rosemont 19010	X	X			B	B							
St. Francis College, Loretto 15940	X	X			B	B							
St. Joseph College, Philadelphia 19131	X	X			B	B							
St. Vincent College, Latrobe 15650	X	X				B							
Seton Hill College, Greensburg 15601	X	X			B	B							
Shippensburg State College, Shippensburg 17257	X	X	X		BM	BM				M	M		
Slippery Rock State College, Slippery Rock 16057	X	X	X		BM	B				M	M		
Susquehanna University, Selinsgrove 17870	X	X				B							
Swarthmore College, Swarthmore 19081	X	X				B							
Temple University, Philadelphia 19122	X	X	X		BMD	BMD	MD	MD	SD	MD	MD	SD	(MAT)
Thiel College, Greenville 16125	X	X			B	B							
University of Pennsylvania, Philadelphia 19104	X	X	X		BM	BM	D	D	D	D	M		(MAT)
University of Pittsburgh, Pittsburgh 15213	X	X	X		BMD	BMD	MD	MD	D	MD	MD		(MAT)
University of Scranton, Scranton 18510	X	X	X		X	BM	X	X		X	M		
Ursinus College, Collegeville 19426	X	X				B							
Villa Maria College, Erie 16505	X	X			B	B							
Villanova University, Villanova 19085	X	X			X	X	X	X			X		
Washington and Jefferson College, Washington 15301	X	X				B							
Waynesburg College, Waynesburg 15370	X	X			B	B							
West Chester State College, West Chester 19380	X	X	X		BM	BM					M		(MAT)
Westminster College, New Wilmington 16142	X	X			X	X	X	X		X	X		
Wilkes College, Wilkes-Barre 18703	X	X			B	B							
Wilson College, Chambersburg 17201	X	X			B	B							
York College, York 17405	X	X				B							

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
PUERTO RICO[illegible]													
Antillian College, Mayaguez 00708													
Bayamon Central University, Bayamon 00619		X											
Catholic University of Puerto Rico, Ponce 00731		X											
College of the Sacred Heart, Santurce 00914		X											
Inter-American University of Puerto Rico, San German 00753		X											
University of Puerto Rico, Rio Piedras 00931		X	X		B^{187}	BM^{187}	M^{187}	M^{187}			M^{187}		
World University, Hato Rey 00917													
RHODE ISLAND													
Barrington College, Barrington 02806	X	X			B	B							
Brown University, Providence 02912	X	X			BM (MAT)	BM (MAT)							
Bryant College, Smithfield 02917	X	X	X			B							
Mount St. Joseph College, Wakefield 02879	X				B	B							
Providence College, Providence 02918	X	X				B	M	M	M	M	M		
Rhode Island College, Providence 02908	X	X	X	BM	BM	BM	MS	MS	MS	MS	MS	MS	BM^{171}
Rhode Island School of Design, Providence 02903	X	X											BM^{23}
Roger Williams College, Bristol 02809	X	X			B								
Salve Regina College, Newport 02840	X	X			B	B							
University of Rhode Island, Kingston 02881	X	X		B	BM	BM				M	M	MD	BM^{188}
SOUTH CAROLINA													
Allen University, Columbia 29204	X				B	B							
Baptist College at Charleston, Charleston 29411	X	X			B	B							
Benedict College, Columbia 29204	X	X			B	B							
Bob Jones University, Greenville 29614	X				B	B							
Central Wesleyan College, Central 29630	X				B	B							
Citadel, The Military College of S. C., Charleston 29409	X	X				BM (MAT)							

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APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
SOUTH CAROLINA (continued)													
Claflin College, Orangeburg 29115	X	X			B	B							
Clemson University, Clemson 29631	X	X			BM (MAT)	BM	BM(S)	BM(S)	BM(S)	BM	BM		
Coker College, Hartsville 29550	X	X			B	B							
College of Charleston, Charleston 29401	X	X				B							
Columbia College, Columbia 29203	X	X		B	B	B							
Converse College, Spartanburg 29301	X	X			B(MAT)	B(MAT)							
Erskine College, Due West 29639	X	X			B	B							
Francis Marion College, Florence 29501	X	X			B	B							
Furman University, Greenville 29613	X	X			BMS	BM	BMS	BMS	BMS	BM	BM		
Lander College, Greenwood 29646	X	X			B	B							
Limestone College, Gaffney 29340	X	X			B	B							
Morris College, Sumter 29150	X				B	B							
Newberry College, Newberry 29108	X	X	X		B	B							
Presbyterian College, Clinton 29325	X	X			B	B					B		
South Carolina State College, Orangeburg 29115	X	X		B	BM	BM	BM	BM		BM	BM		
University of South Carolina, Columbia 29208	X	X	X	BM	BMD	BMD	BMD	BMD	BMD	BMD	BMD		
Voorhees College, Denmark 29042	X	X			B	B							
Winthrop College, Rock Hill 29730	X	X		B	BM	BM	BM	BM		BM	BM		
Wofford College, Spartanburg 29301	X	X				B							
SOUTH DAKOTA													
Augustana College, Sioux Falls 57102	X	X	X		BM	BM							BM[1]
Black Hills State College, Spearfish 57783	X	X	X		BM	BM							BM[1]
Dakota State College, Madison 57042	X	X	X		B	B							
Dakota Wesleyan University, Mitchell 57301	X	X			B	B							
Huron College, Huron 57350	X	X			B	B							
Mount Marty College, Yankton 57078	X	X	X		B	B							
Northern State College, Aberdeen 57401	X	X	X		BM	BM	M	M	M		M		BM[189]
Sioux Falls College, Sioux Falls 57101	X	X			B	B							
South Dakota State University, Brookings 57006	X	X	X		M	BM	M	M	M		M		BM[1]
University of South Dakota, Vermillion 57069	X	X	X		BMSD	BMSD	MSD	MSD	MSD		MSD		BMSD[189]
University of South Dakota at Springfield, Springfield 57062	X	X	X		B	B							
Yankton College, Yankton 57078	X	X			B	B							

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				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
TENNESSEE													
Austin Peay State University, Clarksville 37040	X	X	X	B	B	B	M	M	M	M	M		
Belmont College, Nashville 37203	X	X			B	B	B						
Bethel College, McKenzie 38201	X	X			B	B	B						
Bryan College, Dayton 37321	X	X			B	B							
Carson-Newman College, Jefferson City 37760	X	X	X		B	B							
Christian Brothers College, Memphis 38104	X	X				B							
David Lipscomb College, Nashville 37203	X	X	X	B	B	B							
East Tennessee State University, Johnson City 37601	X	X	X	B	B	B	MS	MS	SD	MS	M		
Fisk University, Nashville 37203	X	X			B	B							
George Peabody College for Teachers, Nashville 37203	X	X	X	B	B	B	MS	MS	SD	MS	MD	MD	
King College, Bristol 37620	X	X				B							
Knoxville College, Knoxville 37921	X	X			B	B							
Lambuth College, Jackson 38301	X	X		B	B	B							
Lane College, Jackson 38301	X	X			B	B							
Lee College, Cleveland 37311	X	X			B	B							
LeMoyne-Owen College, Memphis 38126	X	X			B	B							
Lincoln Memorial University, Harrogate 37752	X	X			B	B							
Maryville College, Maryville 37801	X	X		B	B	B							
Memphis State University, Memphis 38111	X	X	X	B	B	B	MS	MS	SD	MS	MD		
Middle Tennessee State University, Murfreesboro 37132	X	X	X		B	B	M	M	M	M	M		
Milligan College, Milligan College 37682	X	X	X		B	B							
Southern Missionary College, Collegedale 37315	X	X	X		B	B							
Southwestern at Memphis, Memphis 38112	X	X				B							
Tennessee State University, Nashville 37203	X	X	X		B	B	M	M		M	M		
Tennessee Technological University, Cookeville 38501	X	X	X	B	B	B	M	M	S	MS	M		
Tennessee Temple College, Chattanooga 37404	X				B	B							
Tennessee Wesleyan College, Athens 37303	X	X		B	B	B							
Trevecca College, Nashville 37210	X	X		B	B	B							
Tusculum College, Greeneville 37743	X	X			B	B							
Union University, Jackson 38301	X	X		B	B	B							
University of Tennessee													
UT at Chattanooga, Chattanooga 37401	X	X		B	B	B	M	M		M	M		
UT at Knoxville, Knoxville 37916	X	X	X	B	B	B	MS	MS	SD	MS	MD	MD	

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				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
TENNESSEE (continued)													
University of Tennessee													
UT at Martin, Martin 38237	X	X	X	B	B	B	M	M	M	M	M		
UT at Nashville, Nashville 37203	X	X		B	B	B							
Vanderbilt University, Nashville 37203	X	X			B	B							
TEXAS													
Abilene Christian College, Abilene 79601	X	X	X		B(M)	BM^{190}	M^{191}	M^{191}	M^{191}	M	M		
Angelo State University, San Angelo 76901	X	X			B	BM^{190}							
Austin College, Sherman 75090	X	X			B(M)	BM^{190}							
Baylor University, Waco 76703	X	X			B(M)	BM^{190}	MD^{191}	MD^{191}	MD^{191}	M	M		
Bishop College, Dallas 75241	X	X			B	B							
Dominican College, Houston 77021	X	X			B	B							
East Texas Baptist College, Marshall 75670	X	X			B	B							
East Texas State University, Commerce 75428	X	X	X	B	B(M)	BM^{190}	MD^{191}	MD^{191}	MD^{191}	M	MD		
Hardin-Simmons University, Abilene 79601	X	X	X		B(M)	BM^{190}					M		
Houston Baptist College, Houston 77036	X	X			B	B							
Howard Payne College, Brownwood 76801	X	X			B	BM^{190}							
Huston-Tillotson College, Austin 78702	X	X			B	B							
Incarnate Word College, San Antonio 78209	X	X	X		B(M)	BM^{190}							
Jarvis Christian College, Hawkins 75765	X	X			B	B							
Lamar University, Beaumont 77710	X	X	X	B	B(M)	BM^{190}	M^{191}	M^{191}	M^{191}		M		
LeTourneau College, Longview 75601	X	X			B	B							
Lubbock Christian College, Lubbock 79407	X	X			B	B							
McMurray College, Abilene 79605	X	X	X		B	B							
Mary Hardin-Baylor College, Belton 76513	X	X			B	B							
Midwestern University, Wichita Falls 76308	X	X	X	B	B	BM^{190}					M		
North Texas State University, Denton 76203	X	X	X	B	B(M)	BM^{190}	MD^{191}	MD^{191}	MD^{191}	M	M		
Our Lady of the Lake College, San Antonio 78285	X	X	X	B	B(M)	BM^{190}	M^{191}	M^{191}	M^{191}	M	M		
Pan American University, Edinburg 78539	X	X		B	B(M)	BM^{190}	M^{191}	M^{191}	M^{191}	M			
Prairie View A & M College, Prairie View 77445	X	X	X	B	B(M)	BM^{190}	M^{191}	M^{191}	M^{191}	M	M		
Rice University, Houston 77001	X	X				BM^{190}							
St. Edward's University Austin 78704	X	X			B	B							

(Footnotes appear in sequence beginning on p. 181.)

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
TEXAS (continued)													
St. Mary's University of San Antonio, San Antonio 78228	X	X			B	BM[190]					M		
Sam Houston State University, Huntsville 77340	X	X	X	S	B(M)	BM[190]	M[191]	M[191]	M[191]	M	M		
Southern Methodist University, Dallas 75222	X	X	X	S	B(M)	B					M		
Southwest Texas State University, San Marcos 78666	X	X	X	S	B(M)	BM[190]	M[191]	M[191]	M[191]	M	M		
Southwestern Union College, Keene 76059	X	X			B	B							
Southwestern University, Georgetown 78626	X	X			B	B							
Stephen F. Austin State University, Nacogdoches 75961	X	X	X	S	B(M)	BM[190]	M[191]	M[191]	M[191]		M		
Sul Ross State University, Alpine 79830	X	X			B(M)	BM[190]	M[191]	M[191]	M[191]		M		
Tarleton State College, Stephenville 76401	X	X		S	B	B							
Texas A & I University, Kingsville 78363	X	X	X	S	B(M)	BM[190]	M[191]	M[191]	M[191]	M	M		
Texas A & M University, College Station 77843	X	X		S	B(M)	BM[190]	MD[191]	MD[191]	MD[191]	MD	MD		
Texas Christian University, Fort Worth 76129	X	X	X	S	B(M)	BM[190]				M	M		
Texas College, Tyler 75701	X	X			B	B							
Texas Lutheran College, Seguin 78155	X	X			B	B							
Texas Southern University, Houston 77004	X	X	X		B(M)	BM[190]	M[191]	M[191]	M[191]	M	M		
Texas Technological University, Lubbock 79409	X	X	X	S	B(M)	BM[190]	MD[191]	MD[191]	MD[191]	M	MD		
Texas Wesleyan College, Fort Worth 76105	X	X	X		B	B							
Texas Woman's University, Denton 76204	X	X	X	S	B(M)	BM[190]				M	M		
Trinity University, San Antonio 78212	X	X	X	S	B(M)	BM[190]	M[191]	M[191]	M[191]	M	M		
University of Corpus Christi, Corpus Christi 78411	X	X			B	B							
University of Dallas, Irving 75060	X	X			B	B							
University of Houston, Houston 77004	X	X	X	S	B(M)	BM[190]	MD[191]	MD[191]	MD[191]	MD	MD		
University of St. Thomas, Houston 77006	X	X			B	B							
University of Texas													
UT at Arlington, Arlington 76010	X	X				B							
UT at Austin, Austin 78712	X	X	X	S	B(M)	BM[190]	MD[191]	MD[191]	MD[191]	MD	MD	D	
UT at El Paso, El Paso 79968	X	X		S	B(M)	BM[190]	M[191]	M[191]	M[191]	M	M		
Wayland Baptist College, Plainview 79072	X	X			B	B							
West Texas State University, Canyon 79015	X	X	X	S	B(M)	BM[190]	M[191]	M[191]	M[191]		M		
Wiley College, Marshall 75670	X	X			B	B							

(Footnotes appear in sequence beginning on p. 191.)

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
UTAH													
Brigham Young University, Provo 84601	X	X	X	B	BMD	BMD	MSD	MSD	MSD	MSD	MSD	MSD	BMSD[192]
Southern Utah State College, Cedar City 84720	X	X	X	B	B	B							B[193]
University of Utah, Salt Lake City 84112	X	X	X	BM	BM	BM	SD	SD	SD		MD	MD	BMSD[192]
Utah State University, Logan 84321	X	X	X	B	BMD	BMD				MD	M	M	BMD[192]
Weber State College, Ogden 84403	X	X	X	B	B	B							B[193]
Westminster College, Salt Lake City 84105	X	X			B	B							
VERMONT													
Bennington College, Bennington 05201	X	X											
Castleton State College, Castleton 05735	X	X		B	B	B				B			B[194]
College of St. Joseph the Provider, Rutland 05701	X	X		B	B	B							B[1]
Goddard College, Plainfield 05667	X	X		B	M	M				M			M[15]
Johnson State College, Johnson 05656	X	X		B	B	B							B[23]
Lyndon State College, Lyndonville 05851	X	X			B	B							B[16b]
Marlboro College, Marlboro 05344	X	X											B
Middlebury College, Middlebury 05753	X	X			B	B							
Norwich University, Northfield 05663	X	X			B	B							
School for International Training, Brattleboro 05301	X					(MAT)							M[194a]
St. Michael's College, Winooski 05404	X	X			BM	M					M		
Trinity College, Burlington 05401	X	X			B	B							B[7]
University of Vermont, Burlington 05401	X	X	X	BM	BM	BM	M	M	M	M	M		BM[195]
Windham College, Putney 05346	X	X			B	B							B[15]
VIRGINIA													
Averett College, Danville 24541	X	X			B	B							
Bridgewater College, Bridgewater 22812	X	X		B	B	B							
Christopher Newport College, Newport News 23606	X	X				B							
Clinch Valley College, Wise 24293	X	X			B	B							
College of William and Mary, Williamsburg 23185	X	X			BM	BM	MSD	MSD		M	M	MD	B[196]
Eastern Mennonite College, Harrisonburg 22801	X	X	X		B	B							
Emory and Henry College, Emory 24327	X	X			B	B							

(Footnotes appear in sequence beginning on p. 181.)

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
VIRGINIA (continued)													
George Mason College, Fairfax 22030	X	X			B	B	M	M		M			
Hampton Institute, Hampton 23368	X	X		B	BM	BM	M	M		M	M		B[197]
Hollins College, Hollins College 24020	X	X			B	B							
Longwood College, Farmville 23901	X	X	X	BM	BM	BM	BM	BM		BM			B[73]
Lynchburg College, Lynchburg 24504	X	X		BM	BM	BM	M	M		M	M		B[43]
Madison College, Harrisonburg 22802	X	X	X	BM		BM	BM	BM		BM	M	M	B[198]
Mary Baldwin College, Staunton 24401	X	X		B	B	B							
Mary Washington College, Fredericksburg 22401	X	X		B	B	B							B[197]
Norfolk State College, Norfolk 23504	X	X	X	B	B	B							B[199]
Old Dominion University, Norfolk 23508	X	X	X	BM	BM	BM	MS	MS		MS	MS		B[200]
Radford College, Radford 24141	X	X	X	BM	BM	BM	M	M			M	M	B[144]
Randolph-Macon College, Ashland 23005	X	X			B	B							
Randolph-Macon Woman's College, Lynchburg 24504	X	X			B	B							
Roanoke College, Salem 24153	X	X		B	B	B							
St. Paul's College, Lawrenceville 23868	X	X			B	B							
Shenandoah College and Conservatory of Music, Winchester 22601	X	X			B	B							
Stratford College, Danville 24541	X	X			B	B							
Sweet Briar College, Sweet Briar 24595	X	X		B	B	B							
University of Richmond, Richmond 23173	X	X		BM	BM	BM	M	M		M	M		
University of Virginia, Charlottesville 22903	X	X	X	BMD	BMD	BMD	MD	MD		MD	MD	MD	B[201]
Virginia Commonwealth University, Richmond 23220	X	X		BM	BM	BM	M	M		M	M		B[1]
Virginia Intermont College, Bristol 24201	X	X		B	B	B							
Virginia Polytechnic Institute and State University, Blacksburg 24061	X	X		BM	BM	BM	MD	MD		MD	MD	M	B[202]
Virginia State College, Petersburg 23803	X	X	X	BM	BM	BM	BM	BM		BM	M	M	B[203]
Virginia Union University, Richmond 23220	X	X		B	B	B							
Virginia Wesleyan College, Norfolk 23502	X	X			B	B							
WASHINGTON													
Central Washington State College, Ellensburg 98926	X	X	X	BM	BM	BM	BM	BM		BM	BM	BM	
Eastern Washington State College, Cheney 99004	X	X	X	BM	BM	BM	BM	BM		BM	BM	BM	

(Footnotes appear in sequence beginning on p. 181.)

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAM			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
WASHINGTON (continued)													
Fort Wright College, Spokane 99204	X	X			B(M)								
Gonzaga University, Spokane 99202	X	X	X		B(M)	B(M)	BM	BM		BM	BM		
Pacific Lutheran University, Tacoma 98447	X	X	X		BM	B(M)	BM	BM					
St. Martin's College, Olympia 98501	X	X			B(M)	B(M)							
Seattle Pacific College, Seattle 98119	X	X	X	BM	BM	BM	BM	BM		BM	BM		
Seattle University, Seattle 98122	X	X	X		B(M)	B(M)	BM	BM		BM	BM	BM	
University of Puget Sound, Tacoma 98416	X	X	X	B	BM	BM	BM	BM		BM	BM		
University of Washington, Seattle 98195	X	X	X	B	BMD	BMD	BMD	BMD	BMD	BMD	BMD	BMD	
Walla Walla College, College Place 99324	X	X			BM	BM	BM	BM					
Washington State University, Pullman 99163	X	X	X		BMD	BMD	BMD	BMD	BMD	BMD	BMD	BMD	
Western Washington State College, Bellingham 98225	X	X	X	BM	BM	BM	BM	B(M)		BM	BM	BM	
Whitman College, Walla Walla 99362	X	X			B(M)	B(M)							
Whitworth College, Spokane 99218	X	X	X		BM	BM	BM	BM					
WEST VIRGINIA													
Alderson-Broaddus College, Philippi 26416	X	X			B	B							
Bethany College, Bethany 26032	X	X	X		B	B							
Bluefield State College, Bluefield 24701	X	X			B	B							
Concord College, Athens 24712	X	X	X	B	B	B							
Davis and Elkins College, Elkins 26241	X	X		B	B	B							
Fairmont State College, Fairmont 26554	X	X	X	B	B	B							
Glenville State College, Glenville 26351	X	X	X	B	B	B							
Marshall University, Huntington 25701	X	X	X	B	B	B	BM	BM	BM(S)	BM(S)	M		
Morris Harvey College, Charleston 25304	X	X		B	B	B							
Salem College, Salem 26426	X	X			B	B							
Shepherd College, Shepherdstown 25443	X	X	X	B	B	B							
West Liberty State College, West Liberty 26074	X	X	X	B	B	B							
West Virginia College of Graduate Studies, Charleston	X	X					M	M		M	M		
West Virginia Institute of Technology, Montgomery 25136	X	X	X			B							
West Virginia State College, Institute 25112	X	X	X	B	B	B							
West Virginia University, Morgantown 26506	X	X	X	B	B	B	BMD	BMD	BM(S)D	BM(S)D	MD	MD	

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	SPECIAL FIELDS
WEST VIRGINIA (continued)													
West Virginia Wesleyan College, Buckhannon 26201	X	X		B	B	B							
Wheeling College, Wheeling 26003	X	X				B							
WISCONSIN													
Alverno College, Milwaukee 53215	X	X	X	B	B	BM							
Beloit College, Beloit 53511	X	X			B(MAT)	BM(MAT)							
Cardinal Stritch College, Milwaukee 53217	X	X	X		B	BM							
Carroll College, Waukesha 53186	X	X	X	B	B	BM							
Carthage College, Kenosha 53140	X	X			B	BM							
Dominican College, Racine 53402	X	X			B	BM							
Edgewood College, Madison 53711	X	X	X	B	B	BM							
Holy Family College, Manitowoc 54220	X	X	X		B	BM							
Lakeland College, Sheboygan 53081	X	X			B	BM							
Lawrence University, Appleton 54911	X	X			B	BM							
Marian College of Fond du Lac, Fond du Lac 54935	X	X	X		B	BM							
Marquette University, Milwaukee 53233	X	X	X		B	BM	M	M	M	M	M	M	
Milton College, Milton 53563	X	X			B	BM							
Mount Mary College, Milwaukee 53222	X	X	X		B	BM							
Mount Senario College, Ladysmith 54848	X				B	BM							
Northland College, Ashland 54806	X	X			B	BM							
Ripon College, Ripon 54971	X	X			B	BM							
St. Norbert College, West DePere 54178	X	X		B	B	BM							
University of Wisconsin													
UW-Eau Claire, Eau Claire 54701	X	X	X		B	BM(MAT)						M	
UW-Green Bay, Green Bay 54305	X	X		B	B	BM(MAT)							
UW-La Crosse, La Crosse 54601	X	X	X		B	BM(MAT)						M	
UW-Madison, Madison 53706	X	X	X	B	B	BM	M	M	M	M	M	M	
UW-Milwaukee, Milwaukee 53201	X	X	X	B	B	BM	M	M	M	M	M	M	
UW-Oshkosh, Oshkosh 54901	X	X	X		B(MST)	BM(MST)					M		
UW-Parkside, Kenosha 53140	X	X			B	BM							
UW-Platteville, Platteville 53818	X	X	X		B	BM					M		
UW-River Falls, River Falls 54022	X	X	X		B	BM				M	M	M	
UW-Stevens Point, Stevens Point 54481	X	X	X	B	BM(MST)	BM(MST)							
UW-Stout, Menomonie 54751	X	X	X	B	B	BM					M	M	
UW-Superior, Superior 54880	X	X	X		B(MST)	BM(MSD) (MAT)	M	M	M	M	M	M	
UW-Whitewater, Whitewater 53190	X	X	X		B	BM(MAT)					M	M	
Viterbo College, La Crosse 54601	X	X	X	B	B	BM							
WYOMING													
University of Wyoming, Laramie 82070	X	X	X		BMSD	BMSD	MSD	MSD	SD	MSD	MSD		

APPROVED TEACHER EDUCATION INSTITUTIONS, TYPES OF ACCREDITATION, AND TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED

APPROVED INSTITUTIONS	TYPES OF APPROVAL OR ACCREDITATION OF INSTITUTION OR PROGRAMS			TYPES OF TEACHER EDUCATION PROGRAMS AND DEGREE LEVELS FOR WHICH APPROVED									
				TEACHERS			SCHOOL SERVICE PERSONNEL						SPECIAL FIELDS
	STATE	REGIONAL	NATIONAL	PRESCHOOL/ KINDERGARTEN	ELEMENTARY	SECONDARY	ELEMENTARY PRINCIPALS	SECONDARY PRINCIPALS	SUPERINTENDENTS	SUPERVISORS/ CURRICULUM DIRECTORS	GUIDANCE COUNSELORS/ STUDENT PERSONNEL	SCHOOL PSYCHOLOGISTS	
INSTITUTIONS ADDED													
NEW HAMPSHIRE													
Antioch-Harrisville, Harrisville 03450	X				M	M[204]	M	M	M	M	M		
New Hampshire College, Manchester 03104	X												B[7]
TEXAS													
Paul Quinn College, Waco 76703	X	X			B	B							
Texas A & I University, Corpus Christi 78408	X			5	B(M)	B(M)	M	M		M	M		
University of Texas of the Permian Basin, Odessa 79762	X			5	B(M)	B(M)				M	M		
INDIANA													
Indiana State University, Evansville 47712	X	X	X		B	B							

FOOTNOTES
APPROVED TEACHER EDUCATION INSTITUTIONS AND PROGRAMS

[1] Special education.

[2] Approved for two years of work toward a certificate.

[3] Degree levels noted represent those approved for state certification. An institution may offer another degree in a particular program which is not reflected in established certification standards.

[4] Mentally handicapped.

[5] Speech correction.

[5a] Colorado reported national accreditation for each university branch, listed by NCATE as one institution—University of Colorado, Boulder. NCATE records show Colorado Springs and Denver as branch campuses blanketed under the UC system, whose central office and main campus are at Boulder.

[6] Inquire about special education specializations (deaf, blind, learning disabilities, etc.).

[7] Business education.

[8] Art, business education, distributive education, industrial arts, music, health and physical education, special education.

[9] Reading.

[10] Homemaking, special education.

[11] Art, library, health and physical education, special education, speech and hearing.

[12] Art, business education, distributive education, music, health and physical education.

[13] Agriculture, business education, homemaking, music, health and physical education, special education, speech and hearing.

[14] Art, business education, music, special education.

[15] Art, music.

[16] Music.

[16a] Music, health.

[17] Exceptional children.

[18] No official list is issued, but graduates of these institutions who qualify may take examinations for certification.

[18a] D. C. did not report programs or degree levels. Where these are listed, "x" indicates programs listed in the 1970 manual and degree levels are those accredited by the National Council for Accreditation of Teacher Education.

[19] Either no legal authority or no formal process for state approval.

[20] New institution; classes began fall 1972.

[21] Art, music, speech correction.

[22] Music, physical education.

[23] Art.

[24] Art, music, physical education, speech correction, educable mentally handicapped.

[25] Art, music, physical education, educable mentally handicapped.

[26] Speech and drama.

[27] Art, music, speech correction, physical education, home economics, industrial arts.

[28] Music, speech correction, physical education.

[29] Health education, physical education.

[30] Art, speech correction, physical education, educable mentally handicapped, home economics, industrial arts, health education, agriculture, business, dance, blind, deaf and hard-of-hearing, physically handicapped, maladjusted, trainable mentally handicapped.

[31] Art, music, physical education.

[32] Art, music, speech and drama.

[33] Art, music, speech correction, physical education, educable mentally handicapped, home economics, industrial arts, blind, deaf and hard-of-hearing, physically handicapped, maladjusted.

[34] Music, deaf and hard-of-hearing, speech correction, special learning disabilities.

[34a] The state listed the two branches of Southern Illinois University as one institution; the NCATE accredits them separately.

[35] Art, music, speech correction, physical education, educable mentally handicappd, deaf and hard-of-hearing, maladjusted.

[36] Art, library science.

[37] Art, music, speech correction, physical education, educable mentally handicapped, deaf and hard-of-hearing.

[38] Physical education.

[39] Art, music, speech correction, physical education, home economics, industrial arts, agriculture, business.

[40] Vocational and technical.

[40a] Northwood Institute has one-year state approval for two-year approved general education programs.

[40b] Reading specialist.

[41] Preliminary regional accreditation and state approval for the master's degree level.

[42] Speech and hearing clinician.

[43] Reading specialist.

[44] Has status as a recognized candidate for accreditation with the Southern Association of Colleges and Schools.

[45] Exceptional children, home economics.

[46] Art, industrial arts and trade, music.

[47] Business education, library science, home economics, music, physical education.

[47a] Special education—mentally retarded.

[47b] Art, music, health and physical education.

[48] Art, music, home economics.

[49] Art—elementary and secondary.

[50] Art, business education, health and physical education, home economics, music.

[51] Music—elementary and secondary.

[52] Art, music, health education, physical education, library science.

[53] Agriculture, art (1-12), business education (including distributive education, general business education, secretarial science), health, physical education (1-12), home economics, industrial arts, library science (1-12), music (1-12), special education (1-12), speech-drama, vocational-industrial education.

FOOTNOTES (*Continued*)

[54] Art, business education, industrial arts, agriculture, home economics, music, physical education.

[55] Art, music, physical education.

[56] Massachusetts has been authorized, by special action of the legislature, to approve preparation programs but at the time of this report no funds had been appropriated to do so. Consequently, there are no state approved teacher education programs as described on page 131. However, the institutions listed are appropriately chartered and accredited for granting degrees and their courses and credits are acceptable for Massachusetts certification via the transcript evaluation route. The degree levels indicated for some programs are those approved by the National Council for Accreditation of Teacher Education and/or where B was indicated as the highest education degree offered.

[57] Art, music, speech.

[58] Business, guidance.

[59] Reading, special education.

[60] Art, business, deaf, health, music, physical education, reading, librarian, special education, speech, speech therapist.

[60a] Business, learning disabilities.

[61] Speech, speech therapist.

[62] Art, reading.

[63] Art, music, reading.

[64] Art, special education.

[65] Physical education, reading, librarian, special education.

[66] Industrial arts, special education.

[67] Home economics, guidance.

[68] Reading, librarian.

[69] Business, physical education, special education, speech therapist.

[70] Librarian.

[71] Home economics, librarian, special education.

[72] Business, driver education, physical education.

[72a] Michigan does not issue administrative certificates. The Michigan administrator with instructional or curriculum-related functions must hold a Michigan teaching certificate. The administrative programs were reported by the state but degree levels shown were not—they are levels accredited by the NCATE.

[72b] Michigan does not certificate school psychologists; school psychologists must obtain approval.

[72c] Master's program in remedial reading; certification program in special education and community education.

[72d] M.S. in elementary education, with concentration in early childhood education or reading; M.S. in special education with concentration in emotionally disturbed, mental rehabilitation, or learning disabled.

[73] Speech pathology.

[74] Vocational home economics, special education.

[75] Vocational agriculture, vocational home economics, special education.

[76] Standard elementary certification will suffice for kindergarten teaching.

[77] Not authorized by the legislature or State Board of Education.

[78] Master's program in early childhood education in addition to the standard bachelor's degree in elementary education.

[79] The MAT is restricted to members of the Teacher Corps.

[80] Elementary level only.

[81] Vocational rehabilitation.

[82] The MAT is restricted to members of EPDA-B2 Training New Teachers Project in Rural Schools and Open Classroom Teaching.

[83] Speech, music, art, health and physical education, coaching, driver education, business education, industrial arts, home economics, media specialist.

[84] Music, speech and theater, art.

[85] Art, music, theology, physical education.

[86] Middle school, speech, journalism, art, physical education, coaching, special education.

[87] Health and physical education, art, music, speech and theater, coaching, special education.

[88] Physical education, art, music, speech and theater.

[89] Art, music, physical education, coaching, speech and theater.

[90] Speech and theater, journalism, business education, office occupations, home economics, industrial arts, distributive education, diversified occupations, trades and industries, music, art, physical education, coaching, driver education, library and media, reading, speech therapy, special education.

[91] Speech and theater, journalism, music, art, physical education, coaching, business education.

[92] Speech and theater, music, art, physical education, coaching, librarian.

[93] Speech, music, art, physical education, coaching, driver education, business education, home economics, industrial arts, librarian.

[94] Business education, music, physical education, business education, office occupations, home economics.

[95] Speech and theater, journalism, reading, music, physical education, health education, coaching, driver education, business education, office occupations, distributive education, home economics, industrial arts, diversified occupations, agriculture, special education, speech therapy, librarian, media specialist.

[96] Middle school, speech and theater, journalism, music, art, recreation, physical education, health, driver education, business education, office occupations, home economics, industrial arts, trades and industries, speech handicapped, hearing handicapped, teaching the deaf, speech therapy, reading, library and media.

[97] Art, business education, music, physical education, coaching, driver education, home economics, industrial arts, librarian, speech and theater.

[98] Approval of experimental program.

[99] Probationary approval.

FOOTNOTES (*Continued*)

[100] Teacher-librarian.

[101] School nurse, learning disabilities specialist.

[102] One certificate for elementary and secondary principals.

[103] Teacher-librarian, school librarian, speech correction, coordinator of cooperative industrial education, learning disabilities specialist, school social worker, professional librarian.

[104] Speech correction, coordinator of apprentice programs, coordinator of cooperative industrial education, school nurse.

[105] Teacher-librarian, distributive occupations, learning disabilities specialist, school social worker.

[106] Deaf and hard-of-hearing, speech correction, school librarian, teacher-librarian, learning disabilities specialist, school social worker.

[107] Four-year college in third year of operation.

[108] Distributive occupations.

[109] Douglass College.

[110] Rutgers College.

[111] Speech correction, school social worker, learning disabilities specialist.

[112] School nurse, learning disabilities specialist, school social worker.

[113] Deaf and hard-of-hearing, speech correction, teacher-librarian, coordinator of apprentice programs, coordinator of cooperative industrial education, school social worker.

[114] Speech correction, teacher-librarian, learning disabilities specialist.

[115] Vocational fields.

[116] M. A. in speech pathology and audiology.

[117] B.S. in vocational agriculture; M.A. in speech pathology and audiology.

[118] Speech pathology and audiology, special education.

[119] B—art, music, physical education, speech, school nurse-teacher, speech and hearing handicapped; M—mentally retarded, speech and hearing handicapped, health, physical education.

[120] Physically handicapped.

[121] B—commerce; M—physically handicapped.

[122] Commerce and distributive occupation subjects.

[123] B and M—speech and hearing handicapped, art, health, home economics, music, physical education, speech; M—mentally retarded.

[124] B—mentally retarded, art, music, physical education, speech, industrial arts, trade, attendance teacher; M—mentally retarded, speech and hearing handicapped, health, art, music, speech, industrial arts, trade, attendance teacher.

[125] B—art, speech and hearing handicapped, commerce, health, home economics, music, physical education, recreation, speech; M—health, mentally retarded.

[126] B—speech and hearing handicapped; B and M—physically handicapped, art, commerce, health, home economics, music, physical education, speech; M—mentally retarded.

[127] B and M—art, home economics, music, physical education, speech; M—mentally retarded.

[128] Mentally retarded and physically handicapped.

[129] Art, health.

[130] B and M—art; M—mentally retarded.

[131] B—art, music, commerce; M—mentally retarded, speech and hearing handicapped.

[132] Commerce.

[133] M—attendance teacher, school dental hygiene teacher, library media specialist; D—adult education director; M and D—mentally retarded, speech and hearing handicapped, art, commerce, health, music, physical education, recreation, speech, industrial arts.

[134] B—health; B and M—agriculture, home economics.

[135] Mentally retarded, commerce, school nurse-teacher.

[136] B—art; M—mentally retarded.

[137] B and M—speech and hearing handicapped, art, commerce, commerce and distributive occupation subjects, music, speech; M—mentally retarded.

[138] Speech.

[139] Speech and hearing handicapped, health, music, physical education, recreation, speech.

[140] Commerce and physical education.

[141] B and M—mentally retarded, speech and hearing handicapped, art, music; B—health, physical education, speech; M—library science.

[142] B—physical education, health; M—mentally retarded.

[143] Art, home economics.

[144] Mentally retarded.

[145] Speech, art.

[146] Speech and hearing handicapped, art, commerce, music, speech.

[147] Art, commerce, commerce and distributive occupation subjects.

[148] B—school dental hygiene teacher; B and M—speech and hearing handicapped, art, commerce, commerce and distributive occupation subjects, health, home economics, music, speech, industrial arts; M—mentally retarded, physically handicapped, physical education.

[149] B—commerce, physical education; M—attendance teacher.

[150] B—speech and hearing handicapped, music, speech; B and M—commerce, commerce and distributive occupation subjects.

[151] Art, music, commerce.

[152] B—physical education and school nurse-teacher; M—mentally retarded.

[153] B and M—art; B—commerce, commerce and distributive occupation subjects, speech; M—library science.

[154] Art, physical education.

[155] Art, commerce, commerce and distributive occupation subjects, music, physical education.

[156] B and M—speech and hearing handicapped, commerce, commerce and distributive occupation subjects; M—library science.

FOOTNOTES (*Continued*)

[157] B and M—speech and hearing handicapped, commerce, health, music, physical education, recreation; B—school nurse-teacher, speech, art; M—library science.

[158] Health.

[159] Speech and hearing handicapped.

[160] B—speech and hearing handicapped; B and M—health, physical education, recreation, speech.

[161] B and M—mentally retarded, physically handicapped, art, home economics, industrial arts, trade, technical; B—commerce and distributive occupation subjects.

[162] B and M—health, physical education, recreation, speech; M—school nurse-teacher, school dental hygiene teacher.

[163] Speech and hearing handicapped, music.

[164] B and M—mentally retarded, speech and hearing handicapped, speech; M—library science.

[165] Home economics, speech, school nurse-teacher.

[166] B—speech, technical education; B and M—industrial arts, trade.

[167] B and M—home economics; M—school nurse-teacher, health.

[168] B, M, (S), D—physical education, mentally retarded, art, health; B, M, D—music, speech and hearing handicapped, speech; B, M, (S)—physically handicapped, recreation; M—commerce, commerce and distributive occupation subjects, library media specialist; B and M—home economics.

[169] B and M—mentally retarded; B—art, music, speech.

[170] B—art, health; B and M—library science, music, health and physical education, special education; M—audiovisual director, supervisor of student teaching.

[171] Art, music, health and physical education, special education.

[172] Library science, music, health and physical education, special education.

[173] Music, health and physical education.

[174] B—art, music, health and physical education; M—special education.

[175] B—health; B and M—art, library science, music, health and physical education, special education.

[176] Art, library science, music, health and physical education.

[177] Health and physical education.

[178] Art, music, health and physical education.

[179] Music, health and physical education, special education.

[180] B—art, library science, music, health and physical education; M—art, health and physical education.

[181] B—art, health; B and M—library science, music, health and physical education; M—special education, audiovisual director.

[182] B—health; B and M—art, library science, music, health and physical education, special education.

[183] Art, health, library science, music, health and physical education, special education.

[184] B—music; B and M—health and physical education.

[185] B—art, music, health; B and M—health and physical education, special education; M—audiovisual director.

[186] Pennsylvania did not report degree levels; those shown are either for institutions where B is the highest degree offered or, in the case of nationally accredited institutions, degree levels accredited by the National Council for Accreditation of Teacher Education.

[187] This list was derived from *Education Directory, 1972-73*—"Higher Education"—published by the U.S. Office of Education. It is included here because one institution appears on the annual list of the National Council for Accreditation of Teacher Education and the only approved programs included are those accredited by NCATE.

[188] School librarian, health and physical education, speech therapy.

[189] Special education, speech and hearing clinician.

[190] Secondary master's degrees are approved by subject fields.

[191] One 60-hour program for administrators.

[192] Instructional media, learning disabilities, emotionally handicapped, speech correction, auditorially impaired, visually impaired (Brigham Young University only).

[193] Instructional media, learning disabilities.

[194] Art, business, health and physical education.

[194a] English as a second language.

[195] Health, health and physical education, music, special education.

[196] Emotionally disturbed, mentally retarded, community college.

[197] Speech pathology and audiology.

[198] Emotionally disturbed, mentally retarded, speech pathology.

[199] Mentally retarded, speech pathology and audiology, vocational-industrial.

[200] Mentally retarded, speech pathology and audiology, visually impaired, emotionally disturbed.

[201] Audiovisual, visiting teacher, reading, speech pathology.

[202] Junior and community college, vocational, vocational-industrial, vocational-technology, adult education.

[203] Vocational-industrial, technology, industrial arts, emotionally disturbed, mentally retarded.

[204] Social science, environmental science.